PROVIDENCE CITY
ADMINISTRATIVE LAND USE AUTHORITY
AGENDA – WEDNESDAY, APRIL 27, 2016
Providence City Office Building
15 South Main, Providence UT 84332

The Providence City Administrative Land Use Authority will hold a public meeting at the Providence City Office Building, 15 South Main, Providence UT at 10:00 AM to discuss the following items. Anyone interested is invited to attend.

ACTION ITEMS:

Item No. 1. Conditional Use: The Providence City Administrative Land Use Authority will consider a request from Maren Wendel for a conditional use for a Preschool in her home, located at 243 North 100 East, Providence, UT.

Item No. 2. Site Plan: The Providence City Administrative Land Use Authority will consider a request by Todd Jensen for approval of a commercial site plan for Logan Extermination located at approximately 700 West 300 South, Providence UT.

Item No. 3. Site Plan: The Providence City Administrative Land Use Authority will consider a request by Shane Sanders for approval of a commercial site plan for Members First Credit Union located at approximately 65 North HWY 165, Providence UT.

Agenda posted, sent to the Herald Journal, and submitted to the Utah Public Notice Website on April 26, 2016.

Skarlet Bankhead
City Recorder

If you have a disability and/or need special assistance while attending the Providence City Administrative Land Use Authority meeting, please call 435-752-9441 before 5:00 p.m. on the day before the meeting.

PROVIDENCE CITY LAND USE APPLICATION

15 South Main * Providence UT 84332

435-752-9441 * Fax: 435-753-1586 * email: sbankhead@providence.utah.gov

Please note that each request has a checklist which specifies what information is required in order for your application to be complete and ready for processing. Please check the appropriate box for your type of application. Check only one box. Each application type requires a separate application. If you have questions, please ask.

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

Development Review Committee, and/or Planning Commission, and/or City Council		
Annexation	Exception to Title	Rezone
Code Amendment	Final Plat	Right-of-way Vacation
Concept Plan	General Plan Amendment	Site Plan
✓ Conditional Use	Preliminary Plat	

Appeal Authority	
Appeal	Variance

PLEASE NOTE: FILING FEES DO NOT INCLUDE PROFESSIONAL FIRM FEES. THESE WILL BE BILLED SEPARATELY.

Applicant's Name:	Mären Wendel		
Address:	243 N 100 E Providence UT 84332		
Phone(s): 435-265-2648	Fax: none	E-Mail:	mcwendel16@gmail.com

Party Responsible for Payment:	Mären Wendel		
Billing Address:	243 N 100 E Providence UT 84332		
Phone(s): 435-265-2648	Fax: none	E-Mail:	mcwendel16@gmail.com

Property Owner's Name (how it appears on a legal document): Spencer C Wendel			
Address:	243 N 100 E Providence UT 84332		
Phone(s): 208-816-1640	Fax: none	E-Mail:	thewendels@gmail.com

Architect/Engineer/Surveyor's Name:	Providence Farm Survey		
Address:			
Phone(s):	Fax:	E-Mail:	

Cache County Property Number(s):	0017
Total Acreage: .32	Project Name:
City Address of Project (if applicable):	

I declare under penalty of perjury that I am the owner or authorized agent for the property which is the subject of application, and that the statements, answers, and documents submitted in connection with this application are true and correct to the best of my knowledge.

Signature of Applicant: Mären Wendel Date: 4/12/16

Do not complete below this line, for office use only.

Application Fee:	Receipt Number:
General Plan:	Received By:
Zone:	Date Stamp:

PROVIDENCE CITY
Conditional Use Checklist

Please provide the following information as part of your application. The information listed below is required to properly review and process your request. An incomplete application or lack of the required information will delay acceptance and/or processing of your application. Incomplete applications may be returned until the required information is submitted. There is a non-refundable application fee of **$100** for conditional use requests.

Applicant, please note! Your application may be reviewed at the counter on a preliminary basis; however, it must still be reviewed by staff before it is accepted for processing. You will be contacted by staff if the application is not complete.

Applicant Check	CONDITIONAL USE CHECKLIST	Staff Check
✓	Application	✓
✓	$100 filing fee*	✓
✓	Suitable plans and information concerning the location, function and characteristics of the use, including but not limited to parking and percentage of space being used. (The more detailed the better)	✓
✓	County plat map (County Recorder's Office: 179 N. Main, Logan)	
✓	A list of the names and addresses of the owners of record of real property that shares a common boundary with the applicant's property or is separated by a public right-of-way or canal, stream, etc.	✓

*Please note: this filing fee does not include professional firm fees.
Please ask for a Providence City fee schedule.

Process for Conditional Use Approval:
(See Providence City Code 10-3-6)
(See Utah Code 10-9a-507)

DRC (may be reviewed here more than once)
City Land Use Authority (may be reviewed here more than once)
May need a Public Hearing

Types of Conditional Uses (not all zones allow all CUs, so always check the Use Chart for allowed zones—ref 10-6-1: Use Regulations):

Providence City * 15 South Main * Providence UT 84332
Phone: 435-752-9441 * Fax: 435-753-1586 * Email: sbankhead@providence.utah.gov

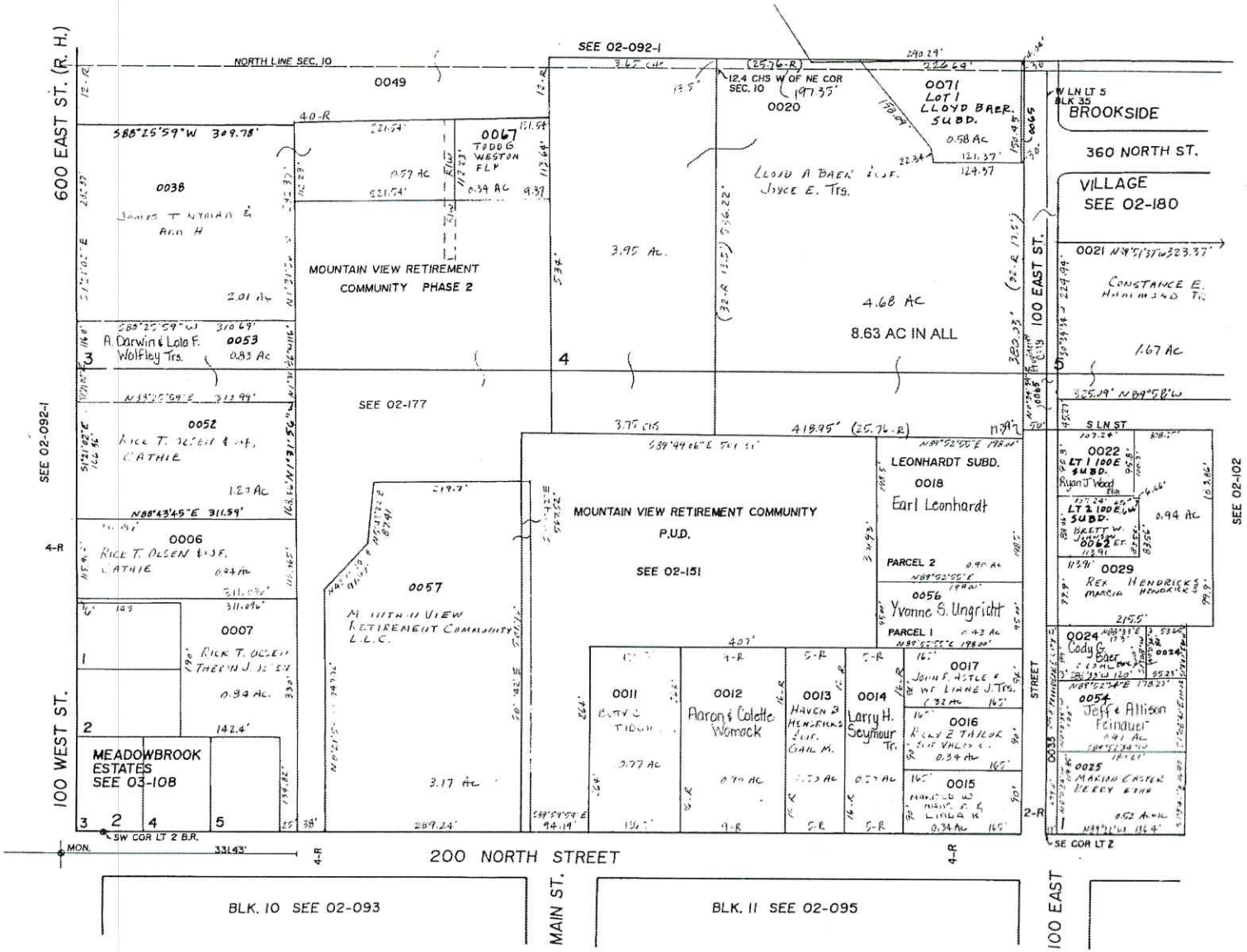
Section 10 Township 11 North Range 1 East

PT. NE 1/4

Scale 1 Inch = 100 Feet

TAX UNIT 09

Pt. BLK. 35 Plat "A" Providence Farm Svy.



Residential Preschool

Preschool Pals

Conditional Use Application

Mären Wendel
432-265-2648
243 North 100 East Providence
mcwendel16@gmail.com

Objective:

Preschool Pals will provide a safe, friendly environment for children ages 3-5 to develop physical, social, emotional and basic academic skills.

Location:

Preschool Pals will be located in my home at 243 N 100 E Providence. It will take up about 720 sq. feet of my home which is approximately 18% of my home. I plan to use one room in the basement for play time, circle time, and reading time. I plan to use my dining room for messier activities, such as arts and crafts. I plan to use my front room for the beginning and end of each day and singing time. Students will also use the upstairs bathroom for restroom needs and washing up for snack time.

When weather permits, students will be allowed to play in the back yard during play time. The back yard is fully fenced and has covers over window wells. Students will be allowed to swing on the swings and play on the play equipment with my adult supervision. Any dog poop will be picked up before students come for the day to facilitate playing outside.

Hours of Operation:

Preschool Pals will be two days a week (Tuesdays and Thursdays) for 3-4 year olds from 9:30-11:30. It will be three days a week (Tuesdays, Wednesdays and Thursdays) for 4-5 year olds from 12:45-3:15. Preschool Pals will follow Cache County School District's schedule.

Parking:

I have 84 feet for parking in front of my house. Students will be dropped off and picked up in front of my house on the west side of first east. Cars will be asked not to pull into the drive way to prevent accidents involving backing up near students. Students will walk into the front door of my home for school during the fall and spring. During the winter, the sidewalk will be shoveled and salted to prevent students from slipping. During that time, I prefer to have students walk through the garage as an extra safety precaution. This way they are using stairs to get into my home that have not had snow on them and can not be icy. Students and parents will know when to use this entry because the large garage door will be open. In the fall and spring, when there is no snow, students will use the front door.

Safety Measures:

The following safety measures have been implemented: smoke alarms, stair rail, window well covers, and outlet covers.

Insurance:

I have American Family Insurance working on a quote for insurance costs. Insurance will be obtained upon approval of business license.

Fieldtrips:

There will be fieldtrips a few times a year. Students will be dropped off and picked up by their parent at the fieldtrip location. I will have emergency contact information with me at each fieldtrip.

Capacity:

Preschool Pals will admit eight children in each section for the 2016-2017 school year.

Pricing:

Tuition for Preschool Pals is $60.00 a month for 3-4 year olds and $75.00 a month for 4-5 year olds with an additional, one-time, registration and supply fee of $30.00.

Basic Daily Plan:

We will start the day in the front room where we will sing, read and learn what we will be doing that day. After all students arrive, we will go to the dining room for centers where the students work in pairs to do four different learning activities. After centers, students will wash their hands in the bathroom and have snack. At this point, we will either go outside or downstairs for some play time. After play time, we will do another learning activity. Depending on the activity, we will use one of the three rooms (basement, front room, or dining room). At the end of the day, we will return to the front room to sing, read and talk until parents arrive.

Pets and My Family:

My dog, Carmel, is very gentle with children. I find that some students don't mind having a dog around and some do. Depending on the students' preferences in the class, Carmel will either remain in his kennel or roam about freely during class. I find that once he has greeted students he becomes uninterested and goes to sleep.

Two of my children (ages 3 and 5) may be in my home during the time of preschool. They will either participate in school, be at Kindergarten, or go to a friends house to be watched. If my other children (ages 10 and 8) are ill, they will be in a separate room so as not to come in contact with the students.

Registration and Client Contract:

See attached document.

Preschool Pals
4-5 year old Registration Form

243 North 100 East
Providence Utah 84332
435-265-2648

Student Name:_____

Known food allergies:_____

Student's Date of Birth:_____

Home Address:_____

Home Phone:_____

Mom's Name and Cell #:_____

Dad's Name and Cell #:_____

Emergency Contact Name and #: _____

Family Doctor Name and #:_____

People authorized to pick up child:_____

_____

(If you ever have someone not on this list that needs to pick up your child, just let me know ahead of time.)

All About _____

Your Child's Name

I know you know your child very well! Please help us get off to a great start by helping me get to know your child better.

Name student likes to be called: _____

Three words to describe your child: _____, _____,

_____

What activities does your child enjoy participating in?

_____

What is your child interested in (ex. Dinosaurs, reading, numbers, TV, wii...etc)?

_____

_____

What goals, academic or otherwise, would you like your child to achieve this year? _____

_____

What are some things your child has already learned that may surprise me? (ex. He knows all his colors and shapes. She knows all of the letters and sounds. He can stand on his head and sing.)

_____

_____

Is there any other information you feel would help me understand or work with your child better? (This would be a good time to let me know of learning challenges, or temperament issues such as sensory disorders or being a super picky eater)

_____

_____

_____

Information Pack

About me:

I taught 1st grade for two years at Thomas Edison Charter School in Logan, Utah. I have found that I really miss teaching, but would also like to be home with my kids. I taught in a rotational preschool with moms in my neighborhood. A few years ago, I had a free preschool in my home to see if I would like to get licensed and have a preschool for real. This will be my third year teaching preschool and my second one actually getting paid to do it!

What is needed to register?

- **Registration form** found on pg. 1
- **All About _____ form** found on pg. 2
- **Signed Parent Contract** found on pg. 6
- **$30 Registration and supply fee** (cash or check made out to Mären Wendel)
- Copy of **immunizations record** for your child

Why a registration and supply fee?

- I am learning now that all of the fees to have a licensed preschool are more than I ever thought! The registration fee helps me pay for those expenses and guarantees your child a spot at Preschool Pals.
- I find it easier for small children to share supplies rather than have their own box of supplies. When they have their own box of supplies, they all get mixed up anyway making it hard to give it back to them at the end of the year.
- **The only supply your child will need to bring is a back pack** or some other bag to carry home projects.

Attendance:

- We will be following Cache County School Districts Calendar beginning on September 6 through May 25 with a full week off for Thanksgiving Attached is a copy of the days we will have preschool.

Your Childs Absences:

- If your child misses a day, there is no way to make it up. I can send home any activities we did that day the next time that your child comes so that he/she doesn't feel left out.
- There will be no refund of money when your child is unable to attend.
- If your child will not be at school on any given day, please call me or text me so that I can plan accordingly.
- Please keep your child home if they are noticeably ill, have a rash, a fever, have thrown up in the last 24 hours or had diarrhea recently. We don't want to pass around illnesses.

My Absences:

- I have planned into the school year 104 days. I am only charging for 100 days. This is so that I can have 4 sick days for myself or my own children without having make-up days.
- I will notify you as soon as I can, but at least by 10:00am if we will not have school on a particular day due to illness.
- If I have more than 4 days that I have to take off, I will either refund money for the extra days or have a make-up days.

School Days and Time:

- Preschool starts at 12:45 and ends at 3:15 every Tuesday, Wednesday, and Thursday.
- It is important to have your child here on time and to pick up your child on time. We jump right into activities and use up our whole time. If you drop off your child late or pick your child up early, he/she may miss out on some learning.
- If you will be late dropping off or picking up your child, please let me know.
- Please understand that I run my business from my home in which I also care for my family. I understand occasional lateness in the same manner that I hope you will respect my personal time. If you are habitually late, there will be a fine.

Snacks:

- Please let me know if your child has an allergy.
- I will be trying to have a variety of healthy snacks most of the time. On special occasions we may have things such as cookies or the like.

Toys:

- Please refrain from letting your child bring toys except for toys to be used for show and tell.

Pets:

- I have a Standard Poodle named Carmel who is very friendly. I plan on slowly introducing him to the class so that he doesn't have to be in his kennel so much. I believe that this will be a good teaching opportunity as many children who do not have dogs need to learn about how to approach dogs safely. Carmel is a very kind dog. My three year old climbs on him and pulls his tail and has never had Carmel do anything mean to her. I think that by the time we have been in class for a month, Carmel will "say hi" to everyone and then go lay down.

Discipline:

- Acceptable behavior is encouraged by giving positive rewards.
- Redirection/ distraction is used for unacceptable behavior.
- If needed, one warning is given to remind the child of acceptable behavior. The next step would be a time out or logical consequence.
- I will let you know if there is a problem that I need your assistance with.

Curriculum

I feel that kids are being pushed too hard and fast in early elementary. What happened to having fun? That being said, I also feel that it is good to have a child prepared to go into the fast paced world of kindergarten. I try to have a nice mix of learning and fun in my preschool.

We will be using Heidi Songs (www.heidisongs.com) to learn the letters, their sounds, and how to write them. We will also use Heidi Songs to learn numbers. Heidi songs uses part of Zoo Phonics (http://www.zoo-phonics.com), movement, and music to help kids of many learning types to quickly learn their alphabet and numbers. Depending on how things go, I hope to have the kids learn some sight words by the end of the year as well.

Along with letters and numbers, I plan to do lots of reading and activities that go along with the books we read. We will make several books throughout the year. Many of these books take a long time to make so don't worry if your child doesn't bring something home every day! We will also have centers most days that will include number work, letter work, a craft and the like.

I am mostly worried about helping your child form a love of learning while at my preschool. I believe that the curriculum I have will do that.

Parent Contract

Date:_____

Student's Name:_____

- I promise to encourage obedience to the rules of Preschool Pals and foster an attitude of respect for Mrs. Wendel.
- I give permission to Mrs. Wendel (who is trained in first aid and CPR) to help my child if injured.

Financial Policy:

- Tuition is $6.75 per day or $675 for the year plus a $30 non-refundable registration and supply fee.
- The $30 registration and supply fee must be paid by August 30, 2016 to save a spot for your child. Please let me know if you are planning on attending before then if you need to wait that long to pay. ☺
- $75 is due by the 5th of every month and may either be cash or a check made out to Mären Wendel. Please contact me if you have a special circumstance and cannot pay by the 5th. If an account becomes 60 days late, I will consider removing your child from my class.

I have read, understand and agree to abide by the rules in this contract and have received an information pack.

_____ _____

Parent date

_____ _____

Parent date

_____ _____

Mären Wendel, Preschool teacher date

PROVIDENCE CITY LAND USE APPLICATION

15 South Main * Providence UT 84332
435-752-9441 * Fax: 435-753-1586 * email: sbankhead@providence.utah.gov

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INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

Development Review Committee, and/or Planning Commission, and/or City Council

Annexation	Exception to Title	Rezone
Code Amendment	Final Plat	Right-of-way Vacation
Concept Plan	General Plan Amendment	Site Plan
Conditional Use	Preliminary Plat	

Appeal Authority

Appeal	Variance

PLEASE NOTE: FILING FEES DO NOT INCLUDE PROFESSIONAL FIRM FEES. THESE WILL BE BILLED SEPARATELY.

Applicant's Name: Logan Exterminating (Mark Anderson)
Address: 110 W. 1900 S. Providence
Phone(s): ~~435-8468~~ Fax: E-Mail:

Todd Jensen Const. (Contractor)

Party Responsible for Payment: Mark Anderson
Billing Address: 396 Edgewood Place Providence, Utah
Phone(s): 435-753-7066 Fax: 435-753-7094 E-Mail: tjenco@yp.com

Property Owner's Name (how it appears on a legal document):
Mark Anderson
Address: ~~110 W. 1900 S.~~ 555 E. Canyon Rd Logan
Phone(s): Fax: E-Mail: MAnderson.Fed.Nel

Architect/Engineer/Surveyor's Name: Scott Worrall
Address: College Ward
Phone(s): 713-0100 Fax: E-Mail: S.Worrall.com

Cache County Property Number(s): 02-090-0018
Total Acreage: 1.64 Project Name: Logan Exterminating
City Address of Project (if applicable):

I declare under penalty of perjury that I am the owner or authorized agent for the property which is the subject of application, and that the statements, answers, and documents submitted in connection with this application are true and correct to the best of my knowledge.

Signature of Applicant: Todd Jensen Date: 10-6-15

Do not complete below this line, for office use only.

Application Fee:	Receipt Number:
General Plan:	Received By:
Zone:	Date Stamp:

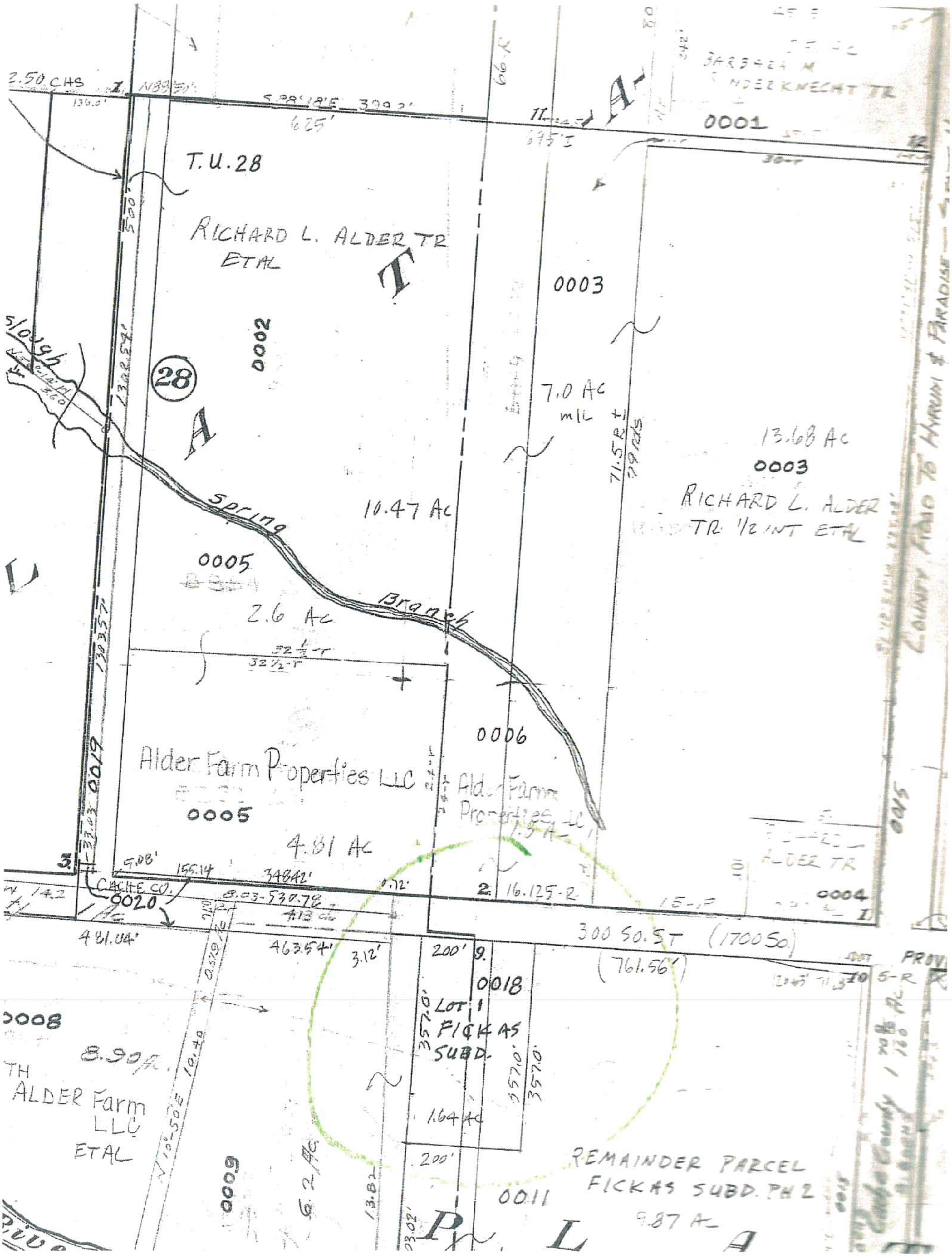
Todd Jensen Const. Inc.
480 W. 1400 N. #9
Logan, Utah 84341

April 25, 2016
To whom it may concern.
Property: Proposed building for Logan Pest Control
110 W. 1700 S.

Breakdown of costs of landscaping and paving costs.

1.) Costs associated with landscaping around new building.....	$ 1,550.00
2.) New asphalt parking pad in front of new building.....	$ 6,400.00

Thank you, Todd Jensen


2.50 CHS
N89°50'
T.U. 28
RICHARD L. ALDER TR
ETAL
0002
28
A
T
0003
7.0 Ac
m/L
13.68 Ac
0003
RICHARD L. ALDER
TR 1/2 INT ETAL
Slough
Spring
Branch
10.47 Ac
0005
2.6 Ac
32 1/2-T
0019
Alder Farm Properties LLC
Alder Farm Properties LLC
0005
4.81 Ac
0006
ALDER TR
0004
CACHE CO.
0020
1 Ac
481.04'
463.54'
3.12'
200'
0018
LOT 1
FICKAS
SUBD.
357.0'
1.64 Ac
300 SO. ST
(1700 So.)
(761.56')
0008
8.90 A
ALDER Farm
LLC
ETAL
0009
6.2 Ac
200'
REMAINDER PARCEL
FICKAS SUBD. PH 2
9.87 A
0011
P
L
A
COUNTY ROAD TO HYRUM & PARADISE
0015

REVISIONS:	DRAWING: SITE PLAN	ENGINEERING SPECIALTIES PC	SCALE:
NO. DATE	PROJECT: LOGAN EXTEMINATION BUIDLING II	Civil 1576 South 3200 West Structural Logan, Utah 84321 Geotech (435) 713-0100	DATE:
			JOB No.:
			DESIGNED BY: S. K. MORRILL
			DRAWN BY:

SHEET: 1 OF:

PROVIDENCE CITY LAND USE APPLICATION

15 South Main * Providence UT 84332
435-752-9441 * Fax: 435-753-1586 * email: sbankhead@providence.utah.gov

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Annexation	Exception to Title	Rezone
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Appeal	Variance

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Applicant's Name: SHANE SANDERS - ARCHITECT
Address: 2668 GRANT AVE OGDEN, UT
Phone(s): 801.622.7303 Fax: E-Mail: SHANE@SANDERSARCH.COM

Party Responsible for Payment: MFCU - BRAD BARBER, PRESIDENT/CEO
Billing Address: 195 W. 1100 S. BRIGHAM CITY, UT 84302
Phone(s): 1.435.723.5231 Fax: E-Mail: bb@MEMFIRSTCU.COM

Property Owner's Name (how it appears on a legal document):
MEMBERS FIRST CREDIT UNION
Address:
Phone(s): 435.723.5231 Fax: E-Mail: bb@MEMFIRSTCU.COM

Architect/Engineer/Surveyor's Name: DANNY MCFARLANE - CSG
Address: 540 W. GOLF COURSE ROAD
Phone(s): 1.435.213.3762 Fax: E-Mail:

Cache County Property Number(s):
Total Acreage: 1.13 ACRES Project Name: MEMBERS FIRST CREDIT UNION - PROVIDENCE
City Address of Project (if applicable): 1200 SOUTH HIGHWAY 165

I declare under penalty of perjury that I am the owner or authorized agent for the property which is the subject of application, and that the statements, answers, and documents submitted in connection with this application are true and correct to the best of my knowledge.

Signature of Applicant: Date: 4.20.16

Do not complete below this line, for office use only.

Application Fee:	Receipt Number:
General Plan:	Received By:
Zone:	Date Stamp:

CMT ENGINEERING LABORATORIES

Geotechnical Engineering Investigation
Members First Credit Union
1249 South Main Street
Providence, UT

PREPARED FOR:
Members First Credit Union

PREPARED BY:

CMT Engineering Laboratories

CMT Project No. 8219

January 6, 2016

CMT ENGINEERING LABORATORIES

January, 6 2016

Members First Credit Union
Attn: Brad V. Barber, President/CEO
P.O. Box 657
Brigham City, Utah 84302

Subject: Geotechnical Engineering Investigation
Members First Credit Union
1249 South Main Street, Providence, Utah

CMT Engineering Project Number 8219

Mr. Barber,

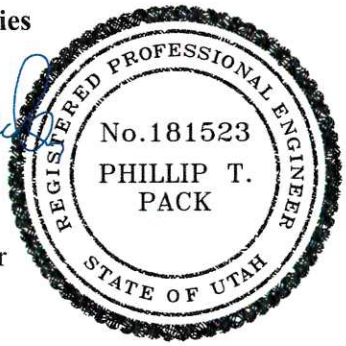
Submitted herewith is the report of our geotechnical engineering investigation for the subject project. This report contains the results of our findings and an engineering interpretation of the results with respect to the available project characteristics. It also contains recommendations to aid in the design and construction of the earth related phases of this project.

On December 22, 2015 a CMT Engineering Laboratories (CMT) engineer was on-site and supervised the excavation of three test pits at the site extending approximately 10 feet below the existing grades. Soil samples were obtained during the field operations and were then transported to our laboratory for further testing.

Based on the findings of the subsurface investigation, the soils generally consist of near surface organic rich topsoil layers followed by clay with some sand and silt layers. Groundwater was encountered at about 6 to 7 feet below the existing grades. The natural soils encountered at the site may be utilized to support the proposed structure provided the detailed design and construction criteria recommendations in this report are followed.

We appreciate the opportunity to work with you on this project. If we can be of further assistance or if you have any questions regarding this project, please do not hesitate to contact us at (435) 753-2850. To schedule materials testing please call (801) 908-5859.

Sincerely,
CMT Engineering Laboratories



Phillip Pack, P.E.
Geotechnical Division Manager

LOGAN OFFICE: 595 S. RIVERWOODS PKWY, STE 270 LOGAN, UTAH 84321 • TEL: (435) 753-2850 • FAX: (435) 753-2851
SALT LAKE CITY OFFICE: 2796 S. REDWOOD ROAD, SALT LAKE CITY, UTAH 84119 • TEL: (801) 908-5954 • FAX: (801) 972-9075
ARIZONA OFFICE: 3837 EAST WIER AVE., PHOENIX, ARIZONA 85040 • TEL: (602) 316-7164 EMAIL cmt@cmtlaboratories.com

CMT ENGINEERING LABORATORIES

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APPENDIX

LOGAN OFFICE: 595 S. RIVERWOODS PKWY, STE 270 LOGAN, UTAH 84321 • TEL: (435) 753-2850 • FAX: (435) 753-2851
SALT LAKE CITY OFFICE: 2796 S. REDWOOD ROAD, SALT LAKE CITY, UTAH 84119 • TEL: (801) 908-5954 • FAX: (801) 972-9075
ARIZONA OFFICE: 3837 EAST WIER AVE., PHOENIX, ARIZONA 85040 • TEL: (602) 316-7164 EMAIL = cmt@cmtlaboratories.com

1.0 INTRODUCTION

CMT Engineering Laboratories (CMT) was retained by Mr. Brad Barber of Members First Credit Union to conduct a geotechnical engineering subsurface investigation for a proposed new Members First Credit Union in Providence, Utah (See **Figures 1 and 2** in the Appendix).

The purpose of this study is to provide recommendations for site grading, foundation and slab design, drainage considerations and other earth-related activities necessary for the design and construction of the project. Our scope of work included the excavation of three test pits at the site and obtaining samples of the subsurface soils during this process. We also conducted laboratory tests, analyzed and evaluated field and laboratory test data, and prepared this report which summarizes our findings and provides geotechnical engineering recommendations.

Significant aspects regarding site development

- The proposed construction will consist of a new bank/credit union at the site in Providence. We understand the structure will be single level, constructed of wood framing, and constructed slab-on-grade. Asphalt concrete paved parking will also be constructed.
- We project that structural loads will be light and not exceed 4,000 pounds per linear foot for wall loads, 100,000 pounds for columns, and 150 pounds per square foot uniform floor loads.
- If the loading conditions are different than we have anticipated, please notify us so that any appropriate modifications to our conclusions and recommendations contained herein may be made.
- The site is currently a vacant lot adjacent to Highway 65 in Providence at 1249 S Main. The site is currently covered by native grasses and is relatively flat with some slope east to west.

2.0 EXECUTIVE SUMMARY

Following is a brief summary of our findings and conclusions:

1. At the test pit locations the soils encountered generally consisted of a surficial layer of organic rich topsoil about 1.5 feet in thickness followed by natural CLAY (CL) with some silt and sand extending to the maximum depth explored of about 10 feet below the existing grades.

2. Groundwater was encountered at about 6 to 7 feet below the existing grades.

3. Based upon the results of our investigations and testing, conventional continuous and spread footings bearing on compacted structural fill placed on undisturbed, natural soils,

may be utilized to support the proposed structure. Foundations shall be established on a minimum of one foot of compacted structural fill placed on suitable, undisturbed, natural soils. The fill shall extend a minimum of one foot horizontally beyond the edge of the footings. A maximum bearing pressure of 1,500 psf may be utilized to proportion footings.

3.0 DESCRIPTION OF PROPOSED CONSTRUCTION

The proposed construction will be a single level, wood framed, slab-on-grade credit union building. We project that structural loads will be light and not exceed 4,000 pounds per linear foot for wall loads, 100,000 pounds for columns, and 150 pounds per square foot uniform floor loads.

We understand that surface parking is planned. We anticipate the parking areas will be paved with asphalt concrete.

4.0 SITE CONDITIONS AND FIELD INVESTIGATION

Existing surface and subsurface conditions associated with the subject property are presented in this section.

4.1 Existing Surface Conditions

The site currently is vacant. The surface consists of tall native grasses and weeds. The existing utilities are underground and near Highway 65. The site slopes gently downward to the west. The site is bound on the north by a car wash, and on the south, and west by vacant lots. East of the lot is highway 65 and Macey's grocery store is across the street (see **Figures 1 and 2** in the Appendix).

4.2 Field Investigation

The subsurface soil conditions were investigated on December 22, 2015 by excavating three test pits at the site at the approximate locations shown on **Figure 2** in the Appendix. The test pits extended to a depth of approximately 10 feet below the existing grades. Disturbed samples of the subsurface soils encountered in the test pits were collected at varying depths from the soils brought up by the backhoe bucket. The collected samples were described in general accordance with ASTM 2488, packaged, and transported to our laboratory. The subsurface conditions encountered in the field investigation are discussed in Section 4.3. Logs of the test pits, including a description of all soil strata encountered are presented in **Figures 3 - 5** in the Appendix. Sampling information and other pertinent data and observations are also included

in the logs. In addition, a Key to Symbols defining the terms and symbols used on the logs, is provided as **Figure 6** in the Appendix.

4.3 Sub-Surface Soils

At the test pit locations we encountered organic rich topsoil down to approximately 1 to 1.5 feet below the surface. Immediately below the topsoil we encountered natural CLAY (CL) with some silt and some sand extending to the bottom of each test pit.

For a detailed description of the soils encountered in the test pits see the Test Pit Logs (**Figures 3-5**) in the Appendix. See **Figure 2** for approximate test pit locations.

4.4 Ground Water

Groundwater was observed in the test pits at approximately 6.5 to 7 feet below the existing surface. Groundwater levels would likely be at the low point seasonally, and are lower than would be expected in the spring and early summer. Groundwater levels can fluctuate as much as 1.5 to 3 feet seasonally. Numerous other factors such as heavy precipitation, irrigation of neighboring land, and other unforeseen factors, may also influence ground water elevations at the site. The detailed evaluation of these and other factors, which may be responsible for ground water fluctuations, is beyond the scope of this study.

4.5 Site Subsurface Variations

Based on the results of the subsurface explorations and our experience, variations in the continuity and nature of subsurface conditions should be anticipated. It should be noted that the transitions between the various soil strata shown on the test pit logs are approximate, the actual transitions may be gradual. Due to the heterogeneous characteristics of natural soils, care should be taken in interpolating or extrapolating subsurface conditions between or beyond the exploratory locations. Seasonal fluctuations in ground water conditions may also occur.

4.6 Seismic Setting

4.6.1 Faulting

We did not observe any conditions during our field investigation that would indicate any seismic faulting in the immediate area. The nearest mapped fault trace, the East Cache Fault, is located approximately 2 miles east of the site.

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4.6.2 Liquefaction

The project site is within an area mapped by the Utah Geological Survey as having "Moderate-High" liquefaction potential. Liquefaction of a soil is defined as the condition when saturated, loose, cohesion-less (sand-type) soils have a sudden, large decrease in their ability to support loads. This is because of excessive pore water pressures which develop during a seismic event. Cohesive (clay type) soils typically do not liquefy during a seismic event.

Due to the nature of the proposed development we did not extend our explorations to a sufficient depth to assess the liquefaction potential. There may be soil layers below the depth we explored that are susceptible to liquefaction.

4.6.4 Seismic Design Category

Based upon the International Building Code (IBC 2012), the site is designated **Site Classification D** for seismic structural design.

Using Site Classification D the following values would be used for site structural coefficients:

Short Period Spectral Response Acceleration	**S_s = 0.982 g**
One Second Period Spectral Response Acceleration	**S_1 = 0.314 g**
Short Period Spectral Response Design Acceleration	**S_{DS} = 0.725 g**
One Second Period Spectral Design Acceleration	**S_{D1} = 0.371 g**

5.0 LABORATORY TESTING

5.1 Laboratory Examination

Selected laboratory tests were performed on representative samples collected in the borings to determine their classification and characteristics with respect to engineering design. Chart 1 indicates typical laboratory tests, which may be applicable to some of the samples retrieved from the site. Results of the laboratory tests are summarized on **Figure 9**.

Chart 1 Laboratory Soil Testing

Test Conducted	Specification	To Determine
Moisture Content	ASTM D 2216	% moisture representative of field conditions
Dry Density	ASTM D 2937	Dry unit weight representative of field conditions.

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Atterberg Limits	ASTM D 4318	Plasticity and workability
Gradation Analysis	ASTM D 1140/ C117	Grain Size Analysis
Consolidation Testing	ASTM D 2435-11	One Dimensional Consolidation Properties

The final soil classifications are illustrated on the Test Pit Logs contained in the Appendix (**Figures 3-5**).

5.2 Engineering Analysis and Report

Data obtained from the borings and the laboratory-testing program was evaluated and used in the geotechnical analyses, which included the preparation of this report which presents our findings and recommendations.

6.0 SITE PREPARATION AND GRADING

6.1 General Site Grading

All deleterious materials should be stripped from the site prior to commencement of construction activities. This includes undocumented fill, loose and disturbed soils, topsoil, vegetation, existing concrete slabs and foundations (if present), etc. We found organic rich topsoil extending to as much as 1.5 feet below grade. The topsoil layer will have to be removed prior to placing structural fill for foundations. Excavations should be examined by a qualified geotechnical engineer to assure that all deleterious materials have been removed from beneath the proposed structure.

We project that the floor slab for the structure will be established at or slightly above the existing site grade and therefore site grading will be minimal. If site grading fill more than about 3 feet in thickness will be placed to raise overall site grades, it could induce consolidation in the underlying natural soils. To reduce the potential for these settlements to occur during and after construction of the structures deep site grading fills should be placed as far in advance of construction as possible (several weeks if possible).

6.2 Temporary Excavations

For temporary excavations less than 5 feet deep, either in the native soils or structural fill, slopes should not be steeper that 0.5:1 (horizontal to vertical). Temporary excavations extending up to 10 feet in depth into the natural soils should not be made steeper than 1:1 (horizontal:vertical). Deeper excavations will require flatter slopes. Groundwater could be encountered in utility excavations at this site, but is not expected in footing excavations. If

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groundwater or loose sand soils are encountered, flatter slopes, shoring, bracing, and/or dewatering may be required for all conditions. All excavations should be made following OSHA safety guideline.

6.3 Fill Material

The existing natural soils should not be used as structural fill but could be used as site grading fill.

6.3.1 Structural/Engineered Fill (structure areas):

Imported structural/engineered fill below foundations and floor slabs (if needed) should be composed of well-graded granular soils free of organics, debris, or other deleterious materials. We recommend a well-graded sandy gravel material with no less than 5% and no more than 25% passing the #200 sieve and no particles greater than 4 inches in maximum dimension.

6.3.2 Site Grading Fill:

Site grading fill may be composed of the natural soils provided they are free from significant organic material, debris, etc. The natural soils will be more time consuming to compact due to difficulty controlling the moisture contents. Thinner lifts may be required as well to achieve proper compaction. We recommend a liquid limit of 30 or less, and a plasticity index of 5 or less for natural soils used as site grading fill.

6.3.3 Non-Structural Fill:

The natural soils may also be used as fill in non-load bearing areas as well, such as landscape areas.

6.4 Trenches

Most municipalities are requiring that utility trench backfill be composed of granular material with limited fines. The natural soils will not meet these specifications. Structural fill as described above will meet these specifications. All trench backfill should be compacted to the requirements set forth in **Section 6.5.**

6.5 Fill Placement and Compaction

The various types of compaction equipment available have their limitations as to the maximum lift thickness that can be compacted. For example, hand operated equipment is limited to lifts of about 4 inches and most "trench compactors" have a maximum, consistent compaction depth of about 6 inches. Large rollers, depending on soil and moisture conditions can achieve compaction at 8 to 12 inches. The full thickness of each lift should be compacted

to at least the following percentages of the maximum dry density as determined by ASTM D-1557:

1. Compacted fill more than 5 feet thick below structures:	98%
2. Compacted fill 5 or less feet thick below structures:	95%
3. Backfill of trenches	
a. Below foundations:	95%
b. Below floor slabs:	95%
c. Below pavements:	95%
d. Landscape areas:	90%
4. Compacted fill below pavements	95%

Field density tests should be performed on each lift as necessary to insure that compaction is being achieved. As a minimum, 33% of all spot footings, and one test for every 50 lineal feet of continuous wall footings shall be tested for each lift.

6.6 Stabilization

If construction occurs during wetter months of the year the natural soils could be easily disturbed. The likelihood of disturbance or rutting and/or pumping of the existing natural soils is a function of the load applied to the surface, as well as the frequency of the load. Consequently, rutting and pumping can be minimized by avoiding concentrated traffic, minimizing the load applied to the surface by using lighter equipment and/or partial loads, by working in drier times of the year, or by providing a working surface for the equipment. Rubber-tired equipment particularly, because of high pressures, promotes instability in wet, soft soils.

If rutting or pumping occurs, traffic should be stopped and the disturbed soils should be removed and replaced with granular material. Typically a minimum of 18 inches of the disturbed soils must be removed to be effective. However, deeper removal is sometimes required.

The most effective granular material for stabilization is an angular, well-graded gravel such as a pit run or crushed rock with a maximum size of about four inches. We suggest that the initial lift be approximately 12 inches thick and be compacted with a static roller-type compactor. The more angular and coarse the material, the thinner the lift that will be required. We recommend that the fines content (percent passing the no. 200 sieve) be less than 15%, the liquid limit be less than 35, and the plasticity index be less than 15.

Often the amount of granular material can be reduced with the use of a geotextile stabilization fabric such as Mirafi RS280i or equivalent. Its use will also help avoid the mixing of the subgrade soils with the granular material. After the excavation of the disturbed soils, the fabric should be spread across the smooth, level bottom of the excavation and up the sides a minimum of 18 inches. Otherwise, it should be placed in accordance with the manufacturer's

recommendation, including proper overlaps. The granular material can then be placed over the fabric in compacted lifts as described above.

7.0 FOUNDATION RECOMMENDATIONS

The following recommendations have been developed on the basis of the previously described projected loading conditions, proposed site grading, the subsurface conditions observed in the field, and the laboratory test data, as well as common engineering practice.

7.1 General Recommendations

Based upon the results of our explorations and testing, footings may be supported on 12 inches/1 foot of compacted structural fill extending to suitable, undisturbed, natural soils. A maximum bearing pressure of 1,500 psf may be utilized to proportion footings bearing on the imported fill.

Structural/engineered fill should be placed on firm, undisturbed natural soils and should extend 1 foot beyond the edge of the footings on all sides for every 1 foot of structural fill below the footing.

We also recommend the following:

- All topsoil, organic soils, undocumented fill, loose or disturbed soils, or any other deleterious materials should be removed from building footprints prior to the placement of foundations, floor slabs, or structural/engineered fill.
- Footing areas should be excavated using a cutting bar or other smooth-bladed equipment to minimize disturbance to the underlying soils.
- Base soil should be examined by a qualified geotechnical engineer to confirm that suitable bearing soils have been exposed.
- All imported structural/engineered fill should be placed and compacted in accordance to Section 6.0.
- Continuous footing width should be maintained at a minimum of 20 inches.
- Spot footings should be a minimum of 30 inches in width.
- Exterior footings should be placed a minimum of 30 inches below final grade and interior footing shall be placed a minimum of 16 inches below grade.

The allowable bearing pressure may be increased by 1/3 for temporary loads such as wind and seismic forces.

7.2 Estimated Settlement

Provided the recommendations in this report are followed for placement of the site grading fills and foundations design, we estimate total settlements after construction should not exceed 1 inch, with differential settlements on the order of ½ inch. It should be noted that the settlement will be differential to the existing structure. We expect approximately 75 percent of initial settlement to take place during construction. Additional settlement could occur during an earthquake.

8.0 LATERAL EARTH PRESSURES

The following lateral soil pressures should be used for design using the natural silt soils as backfill:

1. An equivalent fluid pressure of 45 pounds per cubic foot (pcf) for the active case. That is when the structure is allowed to yield, i.e. move away from the soil. This requires a minimum movement or rotation at the top of the wall of 0.001H, where "H" is the height of the wall (bottom of footing to top of wall).
2. 60 pcf for the at rest case. This case occurs when the wall is not allowed to yield.
3. 375 pcf for the passive case. In this situation, the wall moves into the soil.
4. 90 pcf for the seismic active case.

We recommend that this office review the materials and determine if the above design earth pressures are still appropriate.

9.0 SLABS

The floor slabs should be established on suitable, undisturbed natural soils, or upon structural fill extending to suitable undisturbed natural soils. We project that slabs will be established on the natural soils. To aid in distributing the floor loads and to create a capillary break, we recommend that all slabs be underlain by a minimum of 4 inches of free draining granular material such as ¾ inch minus gravel or 'pea gravel'.

To help control normal shrinkage and stress cracking, the slabs should have the following features:

1. Adequate reinforcement for the anticipated loads with the reinforcement continuous through interior floor joints;
2. Frequent crack control joints; and
3. Non-rigid attachment of the slabs to foundation walls.

10.0 DRAINAGE RECOMMENDATIONS

All soils can experience some volume change when exposed to water. Site grading design and construction should be completed to insure that all surface water is directed away from the foundation bearing soils. We recommend that the following actions be taken:

1. All areas around the structure should be sloped to provide drainage away from the structures. We recommend a minimum slope of 6 inches in the first 10 feet away from the structure.

2. All roof drainage should be collected in rain gutters with downspouts designed to discharge well beyond the backfill limits.

3. Adequate compaction of the foundation backfill should be provided. We suggest a minimum of 90% of the maximum laboratory density as determined by ASTM D-1557. Water consolidation methods should not be used under any circumstances.

4. Sprinklers should be aimed away from the foundation walls. The sprinkling systems should be designed with proper drainage and be well-maintained. Over watering should be avoided.

5. Other precautions may become evident during construction.

11.0 PAVEMENTS

The natural clay soils will provide relatively poor pavement support characteristics when saturated or nearly saturated. Prior to pavement construction any existing fill soils and the zone of most significant roots (numerous small roots, or the zone with roots larger than about ¼ inch in diameter) and organic material should be removed. The subgrade should be proof-rolled to identify soft areas prior to placement of site grading fill or pavements. Any localized soft zones found should be excavated and replaced with structural fill.

We expect site traffic in parking areas to consist primarily of passenger vehicles with infrequent medium weight trucks (garbage trucks). Table 1 below contains the minimum recommended pavement sections based on an estimated CBR of 3% for the clay soils.

Table 1: Pavement Design

	Parking Areas
	Asphalt
Asphalt	3
Road-Base	6
Sub-base	12
Total Thickness	21

The sub-base material recommended above should meet the structural/engineered fill requirements as specified in Section 6.3.

Untreated base course (UTBC) should conform to 1"-minus UDOT specifications for A-1-A/NP and have a CBR value greater than 70%. Asphalt should conform to the standard city or UDOT specification.

All engineered pavement section fill materials soil should be compacted in accordance with Section 10.5 of this report. The asphalt concrete should be compacted to 96% of the maximum density for the asphalt material.

12.0 QUALITY CONTROL

12.1 Quality Control

Our recommendations in this report are based on the assumption that adequate quality control testing and observations will be conducted by CMT during construction to verify compliance. This may include but not necessarily be limited to the following:

12.2 Field Observations

Observations should be completed by CMT during all phases of construction such as site preparation, foundation excavation, structural fill placement and concrete placement.

12.3 Fill Compaction

Compaction testing by CMT is required for all structural supporting fill materials. Maximum Dry Density (Proctor-ASTM 1557) tests should be requested by the contractor immediately after delivery of any granular fill materials. The maximum density information should then

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be used for field density tests on each lift as necessary to insure that the required compaction is being achieved.

12.4 Vibration Monitoring

Construction activities, particularly site grading and fill placement, can induce vibrations in existing structures adjacent to the site. Such vibrations can cause damage to adjacent buildings, depending on the building composition and underlying soils. It can be prudent to monitor vibrations from construction activities to maintain records that vibrations did not exceed a pre-defined threshold known to potentially cause damage. CMT can provide this monitoring if desired.

12.5 Concrete Quality

We recommend that freshly mixed concrete be tested by CMT in accordance with ASTM designations.

13.0 LIMITATIONS

The recommendations provided herein were developed by, evaluating the information obtained from the test pits and site investigation. The test pit logs reflect the subsurface conditions only at the specific location at the particular time designated on the log. Soil and ground water conditions may differ from conditions encountered at the actual exploration locations. The nature and extent of any variation in the explorations may not become evident until during the course of construction. If variations do appear, it may become necessary to re-evaluate the recommendations of this report after we have observed the variation.

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either expressed or implied.

We appreciate the opportunity to be of service to you on this project. If we can be of further assistance or if you have any questions regarding this project, please do not hesitate to contact us at (435) 753-2850. To schedule materials testing please call (801) 908-5859.

14.0 REFERENCES

ASTM, American Society for Testing and Materials 2010

Liquefaction Potential Map for Cache Valley, Cache County, Utah Geological Survey, Public Information Series 79, August 2003.

IBC, International Building Code, 2012 Edition, International Conference of Building Officials, Whittier, CA.

Appendix

CMT ENGINEERING LABORATORIES

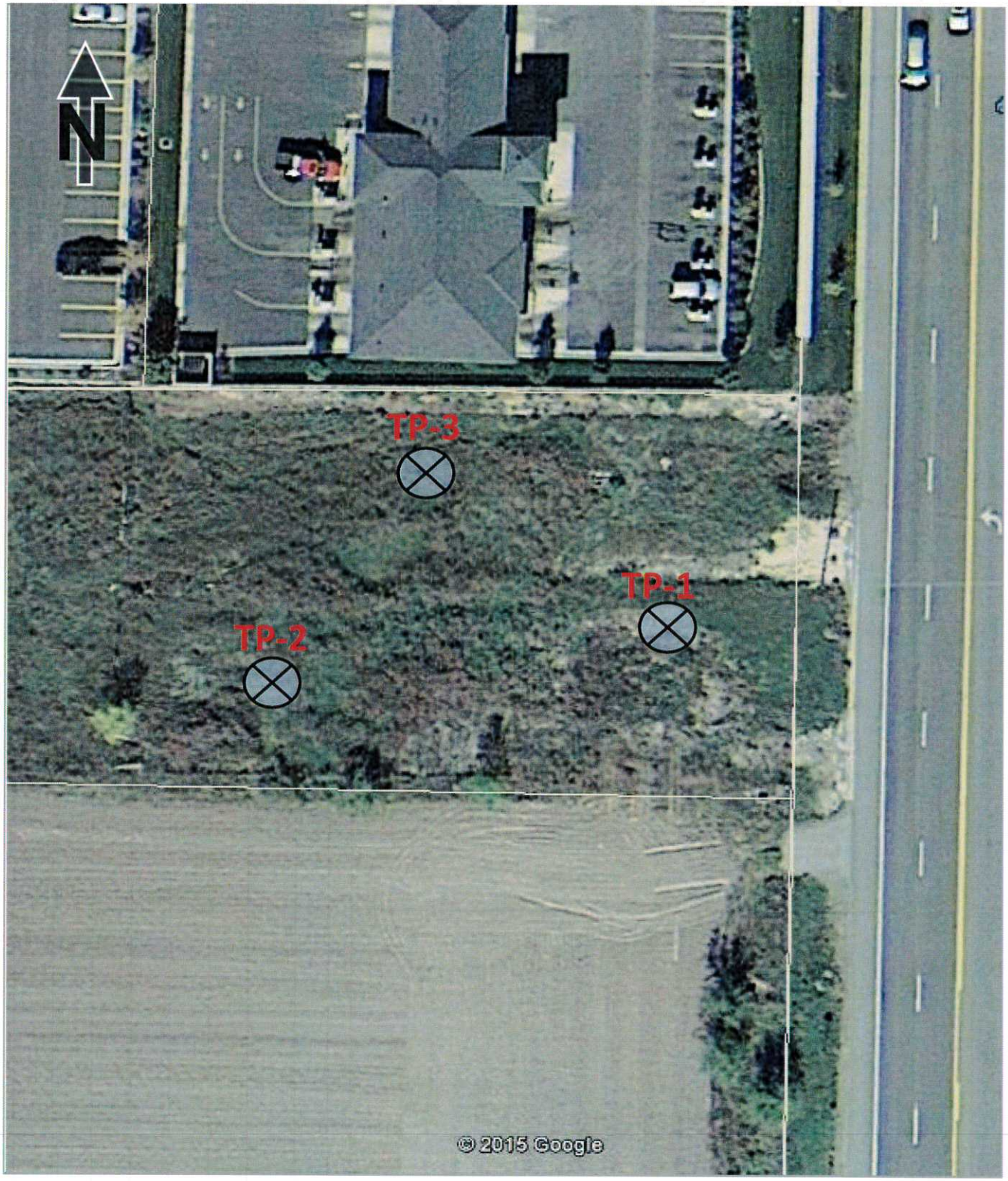
Vicinity Map

1270 S Main Street, Providence, Utah

Providence Credit Union

Date:	22-Dec-15
Project #:	8219
Engineer:	Jeff Egbert
Drawn by:	Nate Pack

Figure: 1



CMT ENGINEERING LABORATORIES

Site Map

1270 S Main Street, Providence, Utah

Providence Credit Union

Date:	22-Dec-15
Project #:	8219
Engineer:	Jeff Egbert
Drawn by:	Nate Pack

Figure: 2

Providence Credit

1270 S Main Street, Providence, Utah

Test Pit Log

TP-1

Type: Mini-Ex | Total Depth: 10.0 | Date: 12/22/2015

Surface Elev. (approx): | Water Level: 6.5 | Job #: 8219

Depth (ft.)	GRAPHIC LOG	Soil Description	Sample Type	Sample #	Moisture (%)	Gradation Gravel %	Gradation Sand %	Gradation Fines %	Atterberg LL	Atterberg PL	Atterberg PI	Dry Density
0		TOPSOIL										
2		Dark brown sandy CLAY (CL), mottled.										
4		very moist and stiff		1	20.3	.1	26.1	73.8	45	20	25	91.7
6		Brown/gray CLAY (CL) trace sand.										
8		wet and soft		2	23.9				39	19	20	
10		End at 10.0'										
12												
14												

Remarks: Water was encounterd at 6.5' below grade

CMT ENGINEERING LABORATORIES

Excavated By:

Logged By: Phil Pack

Figure: 3

Providence Credit

1270 S Main Street, Providence, Utah

Test Pit Log

TP-2

Type: Mini-Ex | Total Depth: 10.0 | Date: 12/22/2015

Surface Elev. (approx): | Water Level: 6.5 | Job #: 8219

Depth (ft.)	GRAPHIC LOG	Soil Description	Sample Type	Sample #	Moisture (%)	Gradation Gravel %	Gradation Sand %	Gradation Fines %	Atterberg LL	Atterberg PL	Atterberg PI	Dry Density
0		TOPSOIL										
2		Brown sandy CLAY (CL), mottled. very moist and stiff		3								
6		Brown/gray CLAY (CL) w/ sand. wet and soft		4	22.7	0	20	80	33	17	16	
10		End at 10.0'										
12												
14												

Remarks: Water was encounterd at 6.5' below grade

CMT ENGINEERING LABORATORIES

Excavated By:

Logged By: Phil Pack

Figure: 4

Providence Credit

1270 S Main Street, Providence, Utah

Test Pit Log

TP-3

Type: Mini-Ex | Total Depth: 10.5 | Date: 12/22/2015

Surface Elev. (approx): | Water Level: 6.5 | Job #: 8219

Depth (ft.)	Soil Description	Sample Type	Sample #	Moisture (%)	Gradation Gravel %	Gradation Sand %	Gradation Fines %	Atterberg LL	Atterberg PL	Atterberg PI	Dry Density
0	TOPSOIL										
	Brown sandy CLAY (CL), mottled.										
2											
	very moist and stiff		5	20.2				45	20	25	99.3
4											
6	Brown/gray CLAY (CL) w/ sand.										
8											
10	wet and soft		6	25.7				38	19	19	
	End at 10.5'										
12											
14											

Remarks: Water was encounterd at 6.5' below grade

CMT ENGINEERING LABORATORIES

Excavated By:

Logged By: Phil Pack

Figure: 5

KEY TO SYMBOLS

Symbol Description

Strata symbols

Topsoil

Low plasticity clay

Soil Samplers

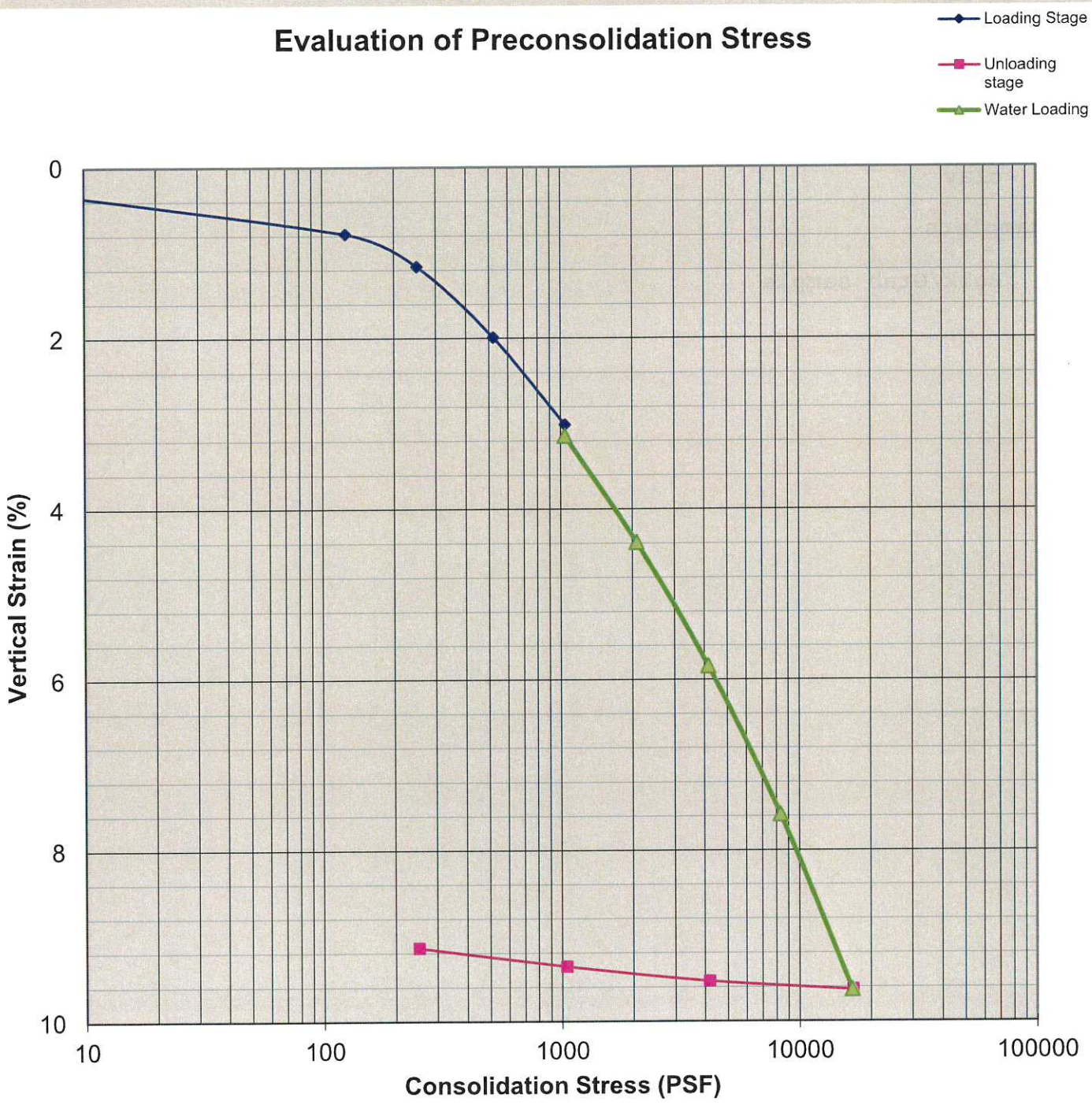
Bulk/Grab sample

Figure

6

Consolidation Test

Evaluation of Preconsolidation Stress



Moisture: 20.30 (%)

Dry Density: 91.70 (pcf)

Soil Classification:	**CL**
Liquid Limit:	45
Plastic Limit:	20
Plasticity Index:	25

CMT ENGINEERING LABORATORIES

TP-1 @ 5.0' Consolidation

1270 S Main Street, Providence, Utah

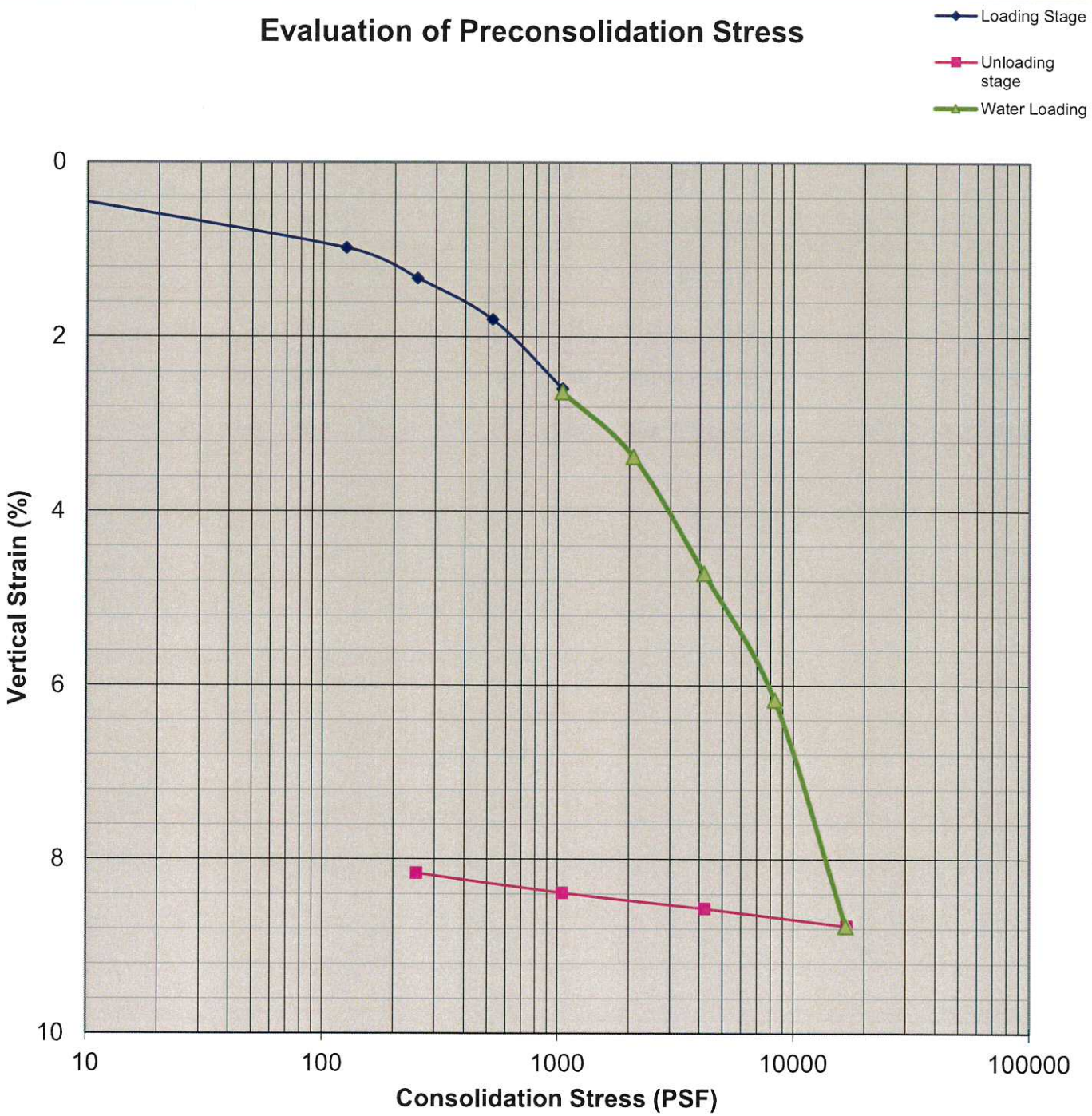
Providence Credit Union

Date:	22-Dec-15
Project #:	8219
Engineer:	Jeff Egbert
Drawn by:	Nate Pack

Figure: 7

Consolidation Test

Evaluation of Preconsolidation Stress



Moisture: 20.30 (%)

Dry Density: 99.30 (pcf)

Soil Classification:	**CL**
Liquid Limit:	45
Plastic Limit:	20
Plasticity Index:	25

CMT ENGINEERING LABORATORIES

TP-3 @ 3.0' Consolidation

1270 S Main Street, Providence, Utah

Providence Credit Union

Date:	22-Dec-15
Project #:	8219
Engineer:	Jeff Egbert
Drawn by:	Nate Pack

Figure: 8

Lab Summary

Providence Credit Union

9087 N 1700 W, Lehi, Utah | Shawn Herring | Job #: 8219

Hole	Depth (ft.)	Sample	Soil Class*	T	Sample Type	Moisture ASTM: D2216	Gradation ASTM: D1140/ C117 Gravel	Sand	Fines	Atterberg ASTM: D4318 LL	PL	PI	CBR % 0.10	0.20	Dry Density	Other
TP-1	5.0	1	CL		Grab Sample	20.3	0.1	26.1	73.8	45	20	25			91.7	
TP-1	8.0	2	CL		Grab Sample	23.9				39	19	20				
TP-2	1.5	3	CL		Grab Sample											
TP-2	6.0	4	CL		Grab Sample	22.7	0	20	80	33	17	16				
TP-3	3.0	5	CL		Grab Sample	20.2				45	20	25			99.3	
TP-3	10.0	6	CL		Grab Sample	25.7				38	19	19				

* In accordance with the Unified Soil Classification System

Sampled By: Phil Pack

Excavated By:

CMT ENGINEERING LABORATORIES

Figure 9

MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH

OWNER:
Member's First Credit Union
1749 South Main Street
Providence, Cache County, Utah

CONTRACTOR:
Wadman Construction
5671 S. 700 E.
Ogden, UT 84405

Contact: Ron Davies, P.M.
Telephone: 801.621.4185

ARCHITECT:
Sanders Associates Architects
2668 Grant Ave, Suite 100
Ogden, UT 84401

Contact: M. Shane Sanders, AIA
Telephone: 801.621.7301

STRUCTURAL:
Vector Engineers
P.O. Box 160354
Clearfield, UT 84016

Contact: David Fotheringham P.E.
Telephone: 801.927.2054

MECHANICAL:
Cunning and Associates
891 North Main
Clearfield, UT 84015

Contact: Hawk Cunning P.E.
Telephone: 801.776.4053

ELECTRICAL:
Sine Source Engineering
940 West 660 North Suite 150
Providence, UT 84332

Contact: Shane Swenson P.E.
Telephone: 801.787.1445

CIVIL:
Civil Solutions Group
540 West Golf Course Road
Providence, UT 84332

Contact: Danny Mactabene, P.E.
Telephone: 435.213.3740

LANDSCAPING:
Civil Solutions Group
254 South 400 East, Suite 104
Salt Lake City, UT 84101

Contact: Jake Young, APA, ASLA
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Seal

Consultant

Project Name
MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH
1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No.	Date	Description
1	11.20.15	B.D.
2	2.22.16	90% REVIEW SET
3	3.22.16	CD

Revision A

No.	Date	Description

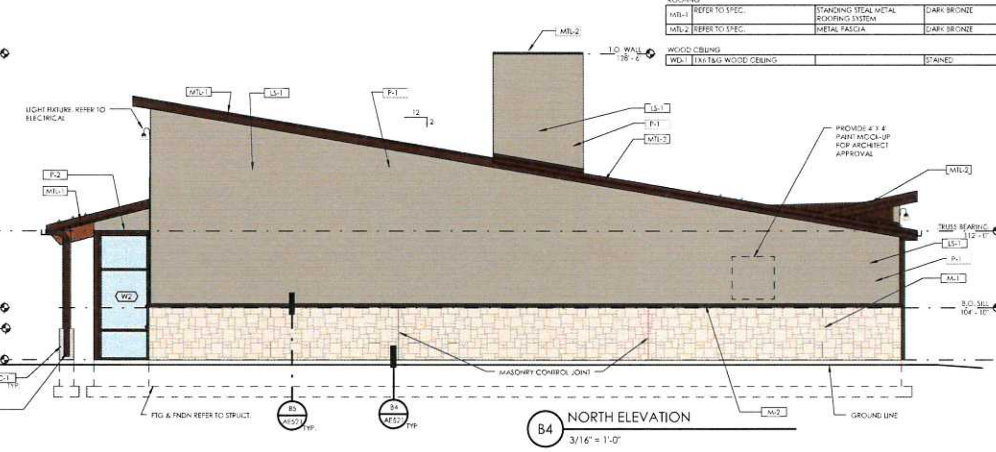
SAA Project No. 215036

Drawing Title
COVER SHEET

Sheet Number
GI001

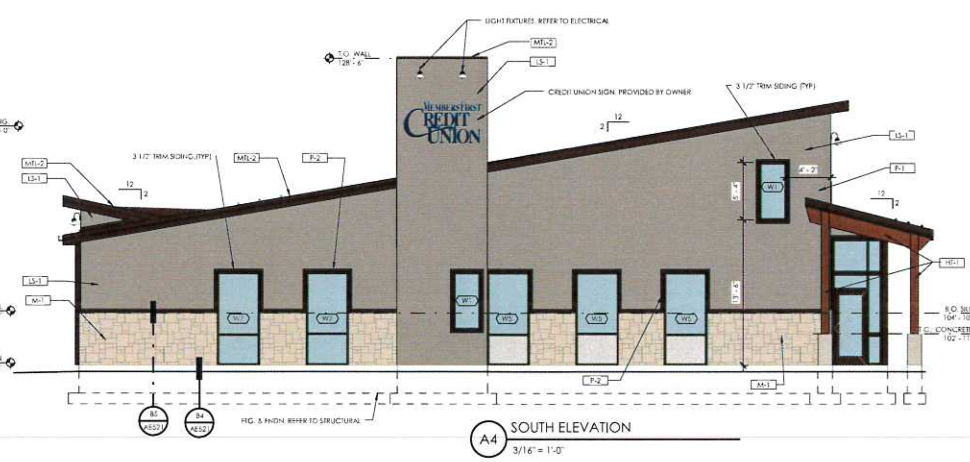
EXTERIOR MATERIAL SCHEDULE			
MARK	MANUF.	PRODUCT	COLOR / FINISH
P-2	TO BE DETERMINED		TO MATCH METAL
CONCRETE			
C-1	REFER TO SPEC.	CONCRETE	CONCRETE
HEAVY TIMBER			
HT-1	REFER TO SPEC.	HEAVY TIMBER	STAINED
LAP SIDING			
LS-1	REFER TO SPEC.	8" FIBER CEMENT	-
P-1	GLIDDEN OR APPROVE EQUAL	EXTERIOR ACRYLIC -2 COATS	BRUSHWOOD #20YY 31/106 ORDER# A1798/
			EGGSHELL
M-2	ARRISCRAFT	SILL	CAFE
MASONRY			
M-1	ARRISCRAFT	ARRIS-STACK	CAPPUCCINO
ROOFING			
MTL-1	REFER TO SPEC.	STANDING STEAL METAL ROOFING SYSTEM	DARK BRONZE
MTL-2	REFER TO SPEC.	METAL FASCIA	DARK BRONZE
WOOD CEILING			
WD-1	1X6 T&G WOOD CEILING		STAINED

B1 WEST ELEVATION
3/16" = 1'-0"



B4 NORTH ELEVATION
3/16" = 1'-0"

A1 EAST ELEVATION
3/16" = 1'-0"



A4 SOUTH ELEVATION
3/16" = 1'-0"

Project Name

MEMBERS FIRST CREDIT UNION

PROVIDENCE BRANCH

1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No	Date	Description
1	11.2015	D.D.
2	2.25.16	90% REVIEW SET
3	3.22.16	CD

Revision

No	Date	Description

SAA Project No. 215035

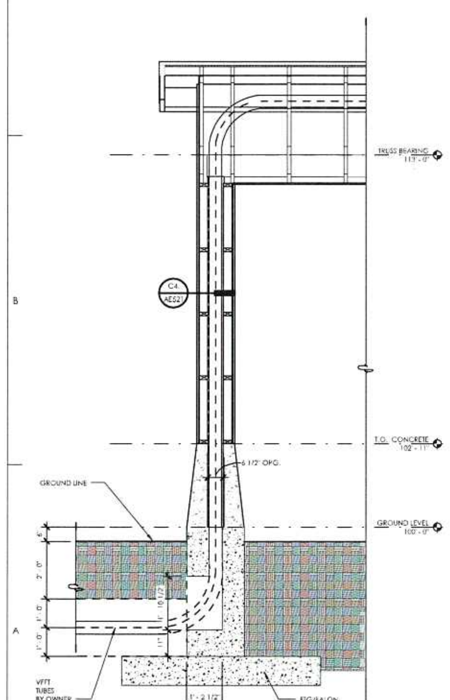
Drawing Title

EXTERIOR ELEVATIONS

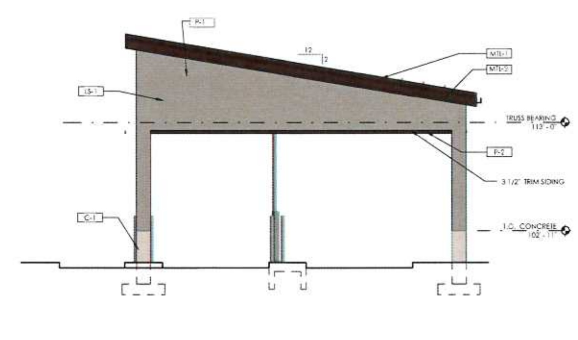
Sheet Number

AE201

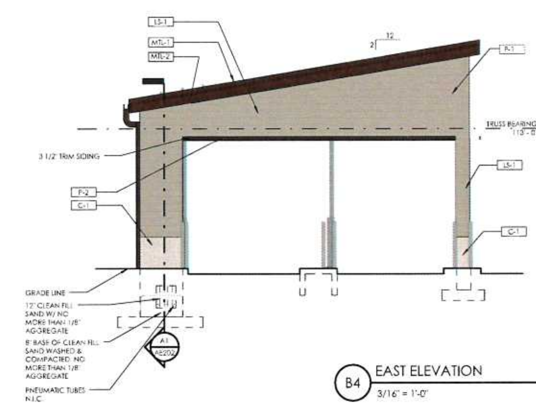
EXTERIOR MATERIAL SCHEDULE			
MARK	MANUF.	PRODUCT	COLOR / FINISH
F-2	TO BE DETERMINED		TO MATCH METAL
CONCRETE			
C-1	REFER TO SPEC.	CONCRETE	CONCRETE
HEAVY TIMBER			
HT-1	REFER TO SPEC.	HEAVY TIMBER	STAINED
LAP SIDING			
LS-1	REFER TO SPEC.	8" FIBER CEMENT	-
P-1	GLIDDEN OR APPROVE EQUAL	EXTERIOR ACRYLIC -2 COATS	BRUSHWOOD #20YY 31/106 ORDER# A1798/ EGGSHELL
MASONRY	ARRISCRAFT	SILL	CAFE
M-1	ARRISCRAFT	ARRIS-STACK	CAPPUCCINO
ROOFING			
MTL-1	REFER TO SPEC.	STANDING STEAL METAL ROOFING SYSTEM	DARK BRONZE
MTL-2	REFER TO SPEC.	METAL FASCIA	DARK BRONZE
WOOD CEILING			
WD-1	1X6 T&G WOOD CEILING		STAINED



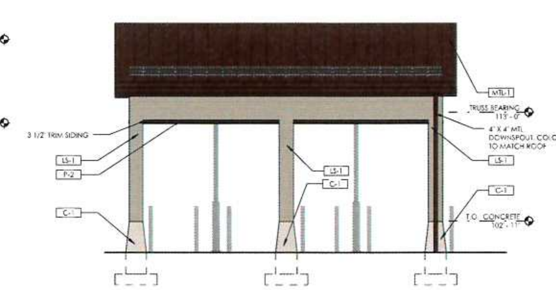
A1 COLUMN SECTION
1/2" = 1'-0"



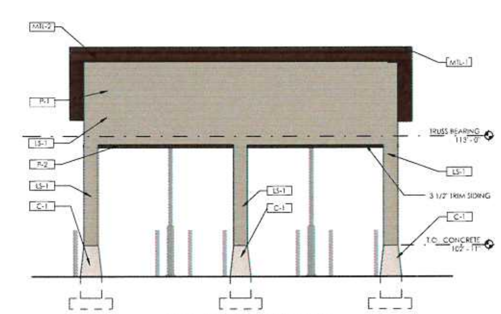
B1 WEST ELEVATION
3/16" = 1'-0"



B4 EAST ELEVATION
3/16" = 1'-0"



A2 SOUTH ELEVATION
3/16" = 1'-0"



A4 NORTH ELEVATION
3/16" = 1'-0"

Project Name

MEMBERS FIRST CREDIT UNION

PROVIDENCE BRANCH

1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No	Date	Description
1	11.2015	D.D.
2	2.25.16	90% REVIEW SET
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Revision

No	Date	Description

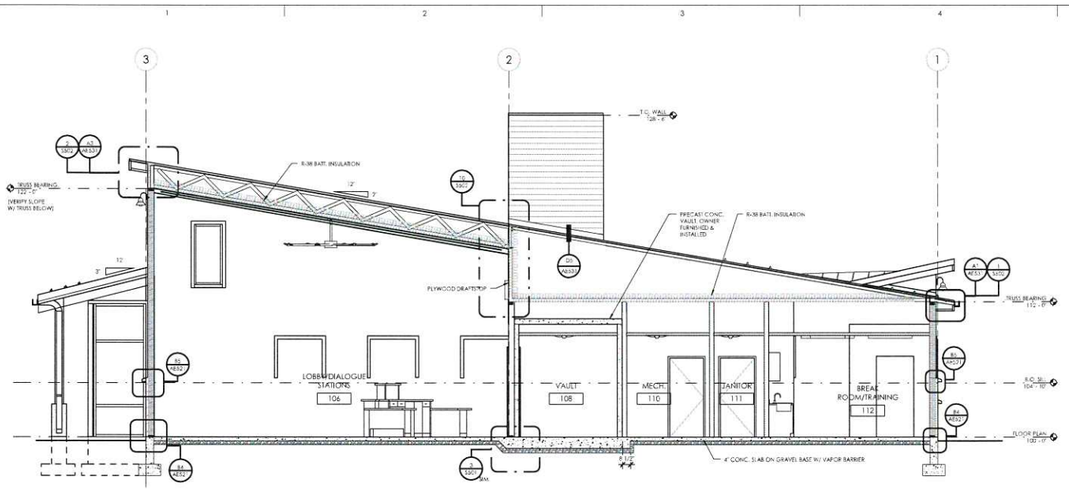
SAA Project No. 215035

Drawing Title

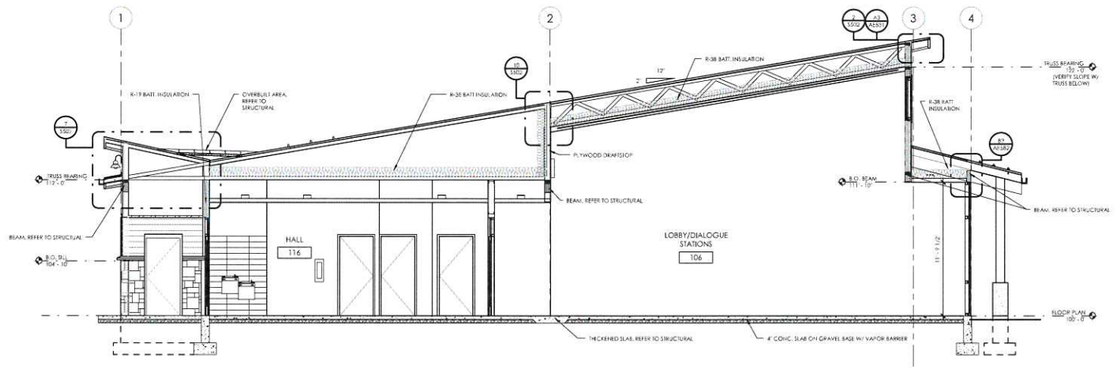
DRIVE UP EXTERIOR ELEVATIONS

Sheet Number

AE202



C3 BUILDING SECTION
1/4" = 1'-0"



A3 BUILDING SECTION
1/4" = 1'-0"

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Project Name
MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH
1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

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1	11.2015	BID
2	2.25.16	PCFE REVIEW SET
3	3.25.16	CD

Revision

No	Date	Description

SAA Project No. 215028
Drawing Title:

BUILDING SECTIONS

Sheet Number

AE301

MEMBERS FIRST CREDIT UNION
DEMOLITION, SITE & UTILITY PLAN
SCALE: 1"=20'

GENERAL NOTES:

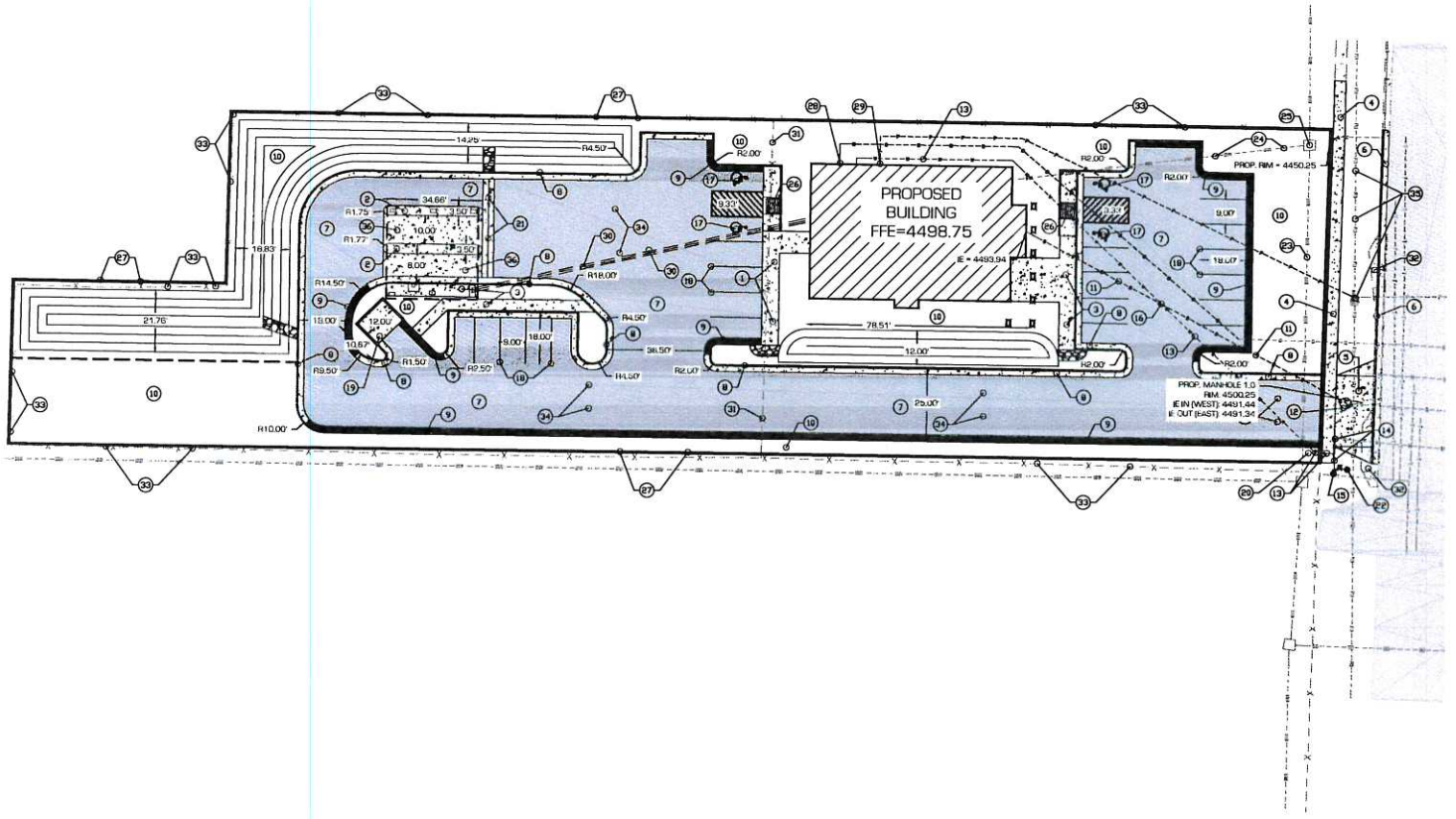
1. TOTAL PROJECT AREA: 1.13 ACRES
2. TOTAL BUILDING FOOTPRINT: 0.08 ACRES (3,510 SF)
3. TOTAL LANDSCAPE AREA: 0.49 ACRES
4. ZONING: COMMERCIAL HIGHWAY DISTRICT (CHD)
5. TOTAL PARKING STALLS PROVIDED: 24 STALLS
6. TOTAL ADA PARKING STALLS: 4 STALLS
7. ALL CONSTRUCTION ELEMENTS PERTAINING TO PUBLIC UTILITIES SHALL BE SUBJECT TO PROVIDENCE CITY STANDARDS DRAWINGS AND SPECIFICATIONS. ALSO, ALL CONSTRUCTION WITHIN UDOT ROW SHALL BE SUBJECT TO UDOT STANDARD DRAWINGS AND SPECIFICATIONS.
8. CONTRACTOR SHALL PLACE CONCRETE THRUST BLOCKS ON ALL TEES, WYES, BENDS, ANGLES, ETC. AS SHOWN IN STANDARD DETAIL 3 ON SHEET C503.
9. FOR ALL GRADING, STORM DRAIN & EROSION CONTROL RELATED ITEMS SEE SHEET C201.
10. ALL WATER MAINS SHALL HAVE A MINIMUM OF 5 FT OF COVER FROM THE TOP OUTSIDE OF THE PIPE TO THE PROPOSED SURFACE.
11. POWER - CONTRACTOR SHALL COORDINATE WITH OWNER LOCATION AND LAYOUT OF THE POWER LINE. CONTRACTOR SHALL BE RESPONSIBLE TO TRENCH, BED, INSTALL, AND FILL IN THE POWER TRENCH AND PROVIDE THE REQUIRED PVC SCHEDULE 40 CONDUIT. SEE ELECTRICAL PLAN FOR POWER CONNECTION.
12. TELEPHONE AND CABLE - CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR LOCATION OF CONDUIT CROSSINGS AND SHALL INSTALL CONDUITS.
13. GAS - CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS WITH QUESTAR GAS.

N

0 20' 40'

① SHEET KEY NOTES:

1. INSTALL THICKENED EDGE CONCRETE SIDEWALK PER STANDARD DETAIL 1 ON SHEET C501.
2. INSTALL 3.5-FT WIDE THICKENED EDGE CONCRETE ISLANDS PER STANDARD DETAIL 1 ON SHEET C501 ALONG WITH #4 REBAR PLACED AT 12" O.C. & 3" CLEARANCE ON ALL SIDES.
3. INSTALL CONCRETE SIDEWALK PER STANDARD DETAIL 2 ON SHEET C501.
4. INSTALL 4' WIDE UDOT CONCRETE SIDEWALK PER STANDARD DETAIL 6 ON SHEET C501.
5. INSTALL CONCRETE DRIVEWAY ENTRANCE PER STANDARD DETAIL 7 ON SHEET C501.
6. INSTALL UDOT TYPE B1 CURB & GUTTER PER STANDARD DETAILS 3 & 6 ON SHEET C501.
7. INSTALL STANDARD DUTY ASPHALT PER STANDARD DETAIL 6 ON SHEET C503.
8. INSTALL CLOSED-FACE CURB & GUTTER PER STANDARD DETAIL 5 ON SHEET C501.
9. INSTALL OPEN FACE CURB & GUTTER PER STANDARD DETAIL 4 ON SHEET C501.
10. INSTALL LANDSCAPE AREA. SEE LANDSCAPE PLAN FOR DETAILS.
11. INSTALL 4" SEWER SERVICE @ 2.00% PER STANDARD DETAIL 1 ON SHEET C502.
12. INSTALL SEWER MANHOLE PER STANDARD DETAILS 2 & 4 ON SHEET C502.
13. INSTALL 1" WATER METER & SERVICE PER STANDARD DETAILS 3 & 5 ON SHEET C502.
14. INSTALL 10" AWWA C900 DR14 WATER LINE AND 90°-ELBOW PER STANDARD DETAIL 5 ON SHEET C502.
15. INSTALL 10" GATE VALVE PER STANDARD DETAIL 6 ON SHEET C502.
16. CAP, BLOCK & MARK END OF LINE.
17. MAINTAIN MINIMUM 18" VERTICAL SEPARATION BETWEEN WATER & SEWER SPECIFICALLY WHERE THEY CROSS.
18. INSTALL ADA PARKING STALLS. STALLS SHALL CONFORM TO ALL APPLICABLE ADA REQUIREMENTS.
19. INSTALL 4" YELLOW PAINT LINES.
20. DUMPSTER ENCLOSURE AREA (SEE PLAN FOR DIMENSIONS) PER STANDARD DETAILS 1 & 5 ON SHEET C503.
21. INSTALL STOP SIGN, POST AND FOUNDATION.
22. INSTALL 4' CONCRETE VALLEY GUTTER PER STANDARD DETAIL 7 ON SHEET C502.
23. INSTALL FIRE HYDRANT, 10X10X6 TEE, 6" AWWA C900 DR 14 LATERAL AND 6" GATE VALVE PER STANDARD DETAIL 8 ON SHEET 502.
24. EXISTING IRRIGATION INFRASTRUCTURE TO REMAIN.
25. EXISTING IRRIGATION LATERAL TO REMOVED TO WITHIN 5' OF EXISTING BOX AND CAPPED.
26. EXISTING IRRIGATION BOX TO BE RAISED TO MATCH PROPOSED GRADE. SEE SHEET C201
27. INSTALL ADA RAMP PER STANDARD DETAIL 2 ON SHEET C503.
28. PROPERTY BOUNDARY LINE & CONSTRUCTION LIMIT LINE.
29. FOR GAS SERVICE ENTRY, SEE MECHANICAL PLANS. CONTRACTOR TO COORDINATE WITH PRIVATE UTILITY COMPANY.
30. FOR POWER SERVICE ENTRY, SEE ELECTRICAL PLANS. CONTRACTOR TO COORDINATE WITH PRIVATE UTILITY COMPANY.
31. INSTALL THREE 5" SCHEDULE 40 CONDUITS IN 3 FT WIDE TRENCH. TRENCH SHALL BE 4-FT DEEP WITH 2-FT OF FINE SAND IN BOTTOM. CONDUITS SHALL BE PLACED 1 FT ABOVE TRENCH BOTTOM.
32. EXISTING FENCE WITHIN PROPERTY BOUNDARY TO BE REMOVED.
33. EXISTING CONCRETE TO BE REMOVED.
34. EXISTING FENCE TO REMAIN.
35. INSTALL PAVEMENT ARROWS.
36. EXISTING FIBER OPTIC INFRASTRUCTURE TO REMAIN.
37. INSTALL HEAVY DUTY CONCRETE PER STANDARD DETAIL 5 ON SHEET C503.



LEGEND

- PROPERTY BOUNDARY
- EX. GAS LINE
- EX. WATER LINE
- EX. SEWER LINE
- EX. FIBER OPTIC LINE
- EX. POWER
- EX. TELEPHONE LINE
- EX. IRRIGATION LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- PROPOSED STORM DRAIN LINE
- 5440 CONTOUR EXISTING
- 5440 CONTOUR PROPOSED
- EXISTING ASPHALT
- PROPOSED ASPHALT
- CONSTRUCTION LIMIT LINE
- EXISTING FENCE
- EXISTING CONCRETE
- PROPOSED CONCRETE
- PROPOSED POWER LINE
- SILT FENCE
- PNEUMATIC CONDUIT TUBING

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03.21.16

Project Name
MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH
1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No	Date	Description
1	3.21.16	CIVIL SET

Revision

No	Date	Description

SAA Project No. 215030

Drawing title
DEMOLITION, SITE & UTILITY PLAN

Sheet Number
C101

MEMBERS FIRST CREDIT UNION
GRADING, STORM DRAIN & EROSION CONTROL PLAN
SCALE: 1"=20'

Civil Solutions Group, Inc.
Leaders in Sustainable Engineering and Planning

Project: Member's First Credit Union
Date: 5-Feb-16
Location: Providence, UT
Method: Rational

Post Development Area:

Condition	Area (acres)	Runoff Coefficient	Weighted Area
Concrete/ Asphalt/ Rooftop	0.75	0.90	0.67
Landscaping (Grass & Mulch)	0.40	0.20	0.08
Total Area	1.15 acres		
Total Weighted Area:			0.75

Design Storm: 100 year, 24-hr storm
Allowable Discharge: 0.00 cfs

Duration (min)	Intensity (in/hr)	Post-Dev. Runoff (cfs)	Total Runoff (CF)	Cumulative Allow. Discharge (CF)	Detention Storage Req'd (CF)
5	5.40	4.06	1,219	-	1,219
10	4.14	3.12	1,869	-	1,869
15	3.43	2.58	2,323	-	2,323
30	2.32	1.75	3,143	-	3,143
60	1.41	1.06	3,820	-	3,820
120	0.81	0.61	4,389	-	4,389
180	0.57	0.43	4,633	-	4,633
360	0.34	0.26	5,527	-	5,527
720	0.21	0.16	6,826	-	6,826
1440	0.13	0.10	8,453	-	8,453

Required Retention Storage Volume: 8,453 Cubic Feet
Retention Storage Volume Provided: 8,491 Cubic Feet

N

0 20' 40'

① SHEET KEY NOTES:

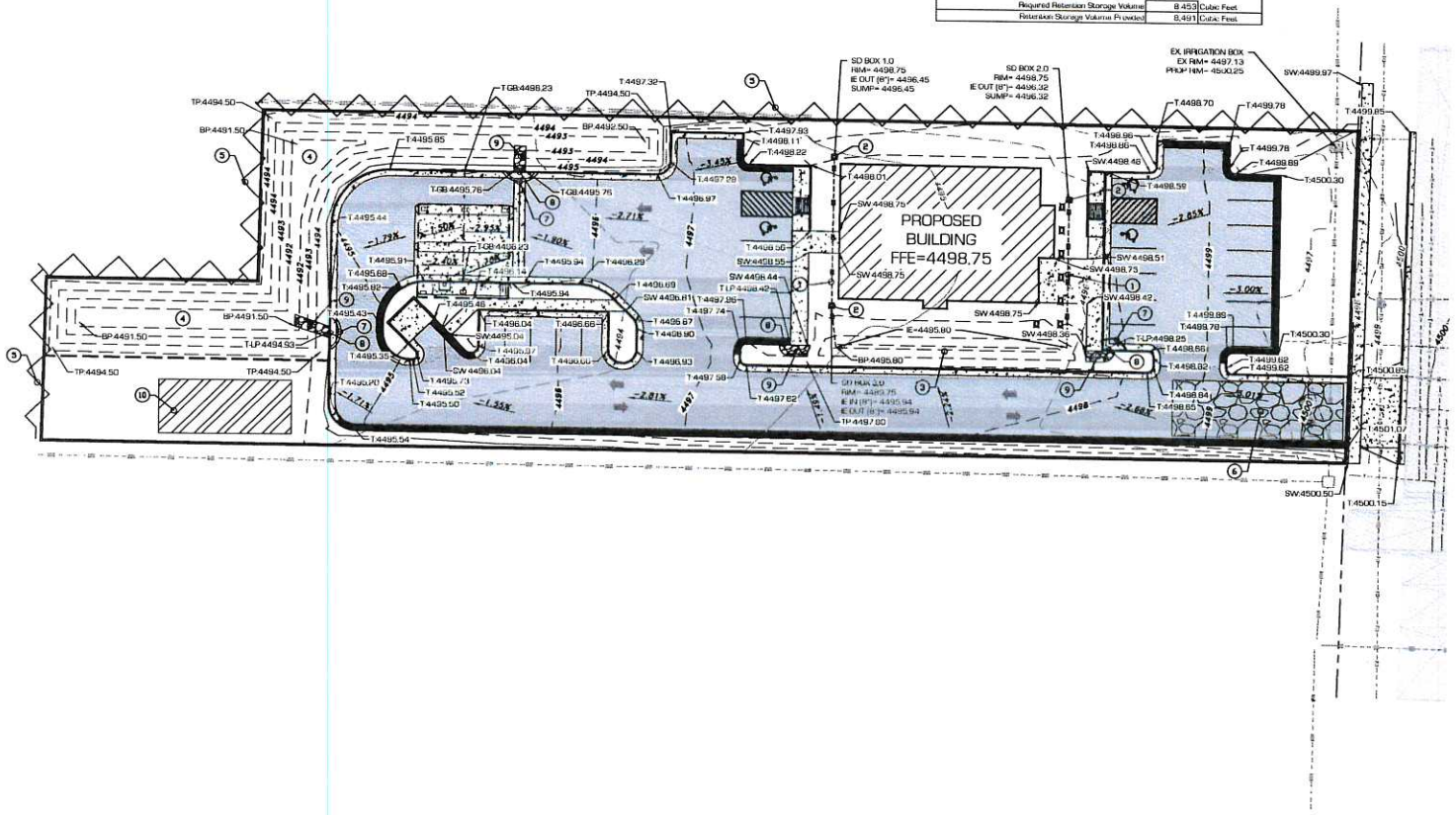
1. INSTALL 8" PVC STORM DRAIN PIPE PER STANDARD DETAIL 4 ON SHEET C503.
2. INSTALL INV.UP.AST 8" CUSTOM DRAIN BASIN PER STANDARD DETAIL 2 ON SHEET C504. CONNECT ROOF DRAINS TO BASINS. (SEE ARCHITECTURE PLANS FOR ROOF DRAIN LOCATIONS)
3. INSTALL EAST DETENTION POND AT 3:1 SLOPE.
   - 3.1. TOP OF POND ELEVATION = 4497.80
   - 3.2. BOTTOM OF POND ELEVATION = 4495.80
   - 3.3. DETENTION AVAILABLE = 1100 CUBIC FT
4. INSTALL WEST DETENTION POND AT 3:1 SLOPE.
   - 4.1. TOP OF POND ELEVATION = 4494.50
   - 4.2. BOTTOM OF POND ELEVATION = (EAST) 4492.50 (WEST) 4491.50
   - 4.3. DETENTION AVAILABLE = 7391 CUBIC FT
5. INSTALL SILT FENCE PER DETAIL IN THE SWPPP.
6. INSTALL 20' X 60' CONSTRUCTION ENTRANCE TRACKING PAD PER DETAIL IN THE SWPPP.
7. INSTALL GRAVEL SUCK PUP THE DETAIL IN THE SWPPP.
8. INSTALL CURB SLOPPER HH STANDARD DETAIL 1 ON SHEET C504.
9. INSTALL RIP RAP DRAINAGE WAY PER STANDARD DETAIL 3 ON SHEET C504.
10. MATERIAL STAGING AREA PER DETAIL IN THE SWPPP.

GRADING ABBREVIATIONS:

1. T = TOP BACK CURB
2. TA = TOP OF ASPHALT
3. SW = SIDEWALK
4. LP = LOW POINT
5. GB = GRADE BREAK
6. TP = TOP OF POND
7. BP = BOTTOM OF POND

GENERAL NOTES:

1. ALL RUNOFF FROM RAIN GUTTERS TO BE ROUTED INTO THE PROPOSED DETENTION POND.
2. SIDEWALK NOT TO EXCEED 2% CROSS SLOPE OR 5% LONGITUDINAL SLOPE.
3. ALL BUILDING ENTRANCES NOT TO EXCEED 2 % IN ANY DIRECTION WITHIN 4 FT OF THE DOORWAY.



LEGEND

- PROPERTY BOUNDARY
- EX. GAS LINE
- EX. WATER LINE
- EX. SEWER LINE
- EX. FIBER OPTIC LINE
- EX. POWER
- EX. TELEPHONE LINE
- EX. IRRIGATION LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- PROPOSED STORM DRAIN LINE
- 5440 CONTOUR EXISTING
- 5440 CONTOUR PROPOSED
- EXISTING ASPHALT
- PROPOSED ASPHALT
- CONSTRUCTION LIMIT LINE
- EXISTING FENCE
- EXISTING CONCRETE
- PROPOSED CONCRETE
- PROPOSED POWER LINE
- SILT FENCE
- PNEUMATIC CONDUIT TUBING

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03.21.16

Project Name: MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH
1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

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No.	Date	Description
1	3.21.16	CIVIL SET

Revision

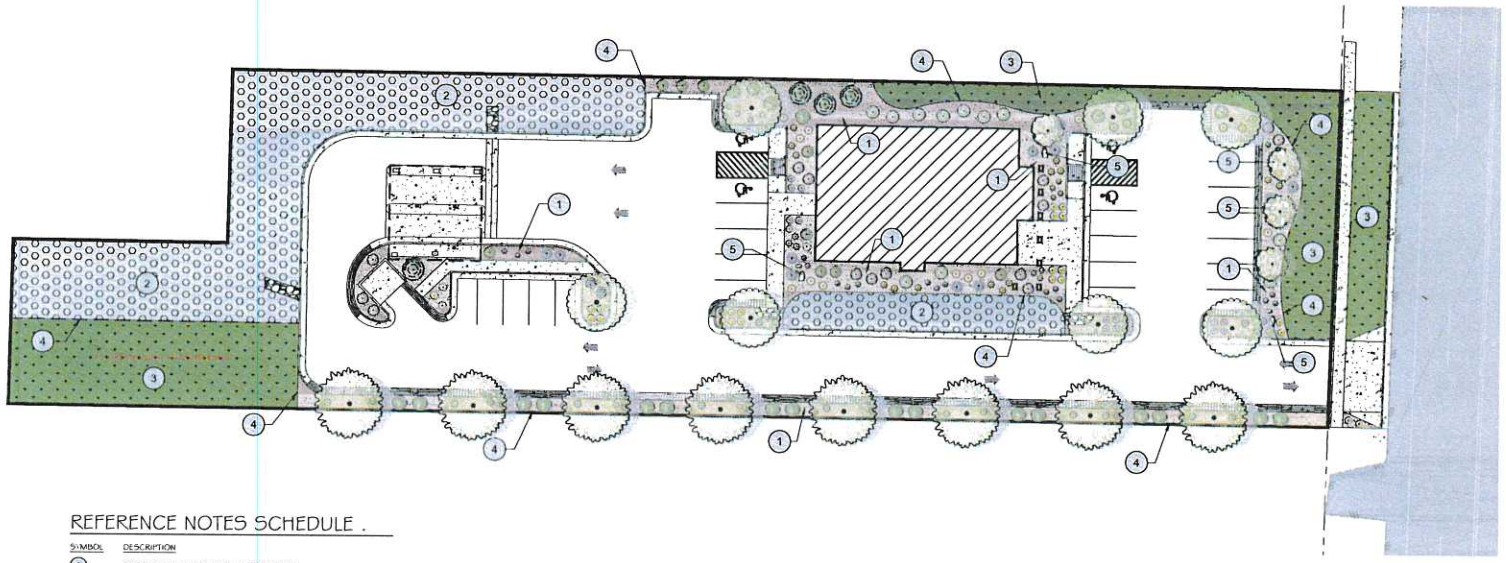
No.	Date	Description

SAA Project No. 215035

Drawing Title: GRADING, STORM DRAIN & EROSION CONTROL PLAN

Sheet Number: C201

MEMBERS FIRST CREDIT UNION
RENDERED LANDSCAPE PLAN
SCALE: 1"=20'



REFERENCE NOTES SCHEDULE .

SYMBOL	DESCRIPTION
1	ROCK MULCH, SEE SCHEDULE FOR DETAILS
2	RIP RAP. SEE SCHEDULE FOR DETAILS
3	TURF GRASS
4	DURA EDGE BLACK METAL EDGING, 6", GAUGE 14. PLACED BETWEEN ALL TURF GRASS AND PLANTER BEDS/STORM WATER PONDS
5	BOULDERS PER PLAN; MINIMUM 36"X36" IN SIZE; PLACED IN THE GROUND TO 6" DEPTH, TAN BROWN IN COLOR. CONTRACTOR TO USE SAME SOURCE AS ROCK MULCH.

N

0 20' 40'

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Project Name
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1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No	Date	Description
1	3.21.16	LANDSCAPE SPT

Revisions

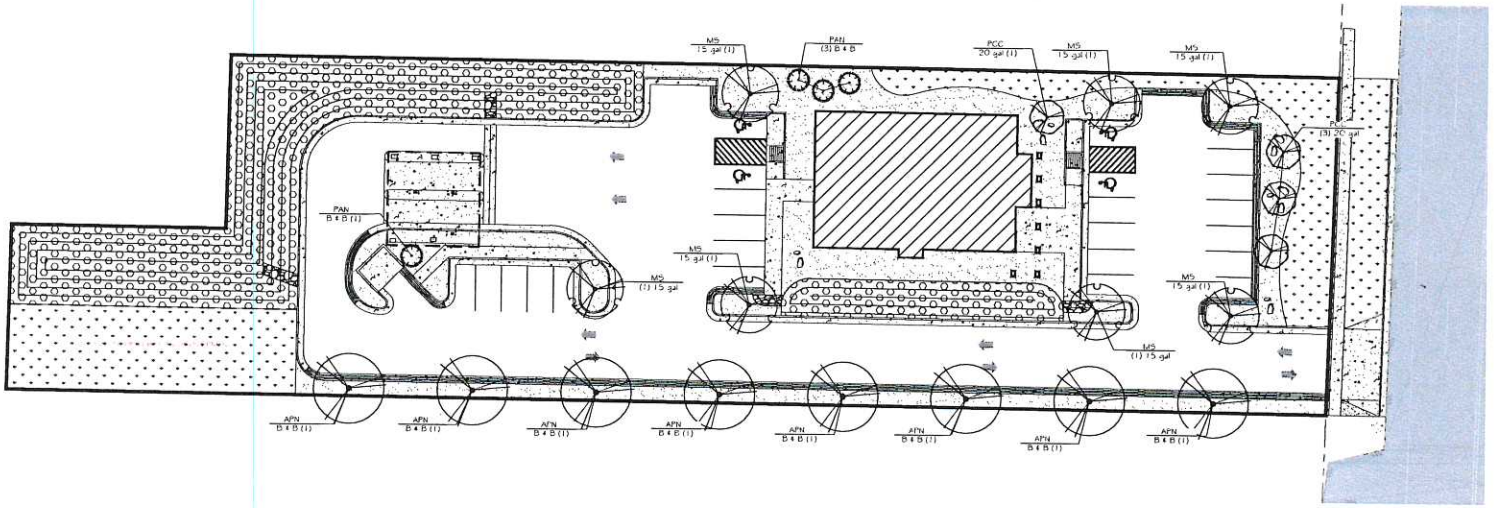
No	Date	Description

SAA Project No 215035

Drawing Title
RENDERED
LANDSCAPE PLAN

Sheet Number
L100

MEMBERS FIRST CREDIT UNION
LANDSCAPE MATERIALS AND SITE PLAN
SCALE: 1"=20'



TREES	CODE	QTY	COMMON NAME / BOTANICAL NAME	CONT	CAL	SIZE
	APH	8	Norway Maple / Acer platanoides `Fairway`	B & B	2"Cal	
	MS	7	Spring Snow Crab Apple / Malus x `Spring Snow`	15 gal		
	PAN	4	Norway Spruce / Picea abies `Cupressina`	B & B	6'	
	PCC	4	Capital Callery Pear / Pyrus calleryana `Capital`	20 gal		

SYMBOL	NOTES	QTY
	PLANTER BED Copper Canyon rock mulch (1"-3") from Staker Parsons 3" depth with Dewitt Pro 5 weed barrier beneath	7,697 sf
	TURF GRASS Kentucky Bluegrass Mix Sod	6,639 sf
	STORM WATER POND Grey colored rip rap, 3"-4" with Dewitt Pro 5 weed barrier beneath	7,954 sf

PROVIDENCE CITY LANDSCAPE REQUIREMENTS
(AS PER PROVIDENCE CITY AREA REGULATIONS)
NUMBER OF TREES REQUIRED PER CODE IS TWENTY-THREE (23)
ACTUAL NUMBER OF TREES IN DESIGN IS TWENTY-THREE (23)

N

0 20' 40'

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PROFESSIONAL LANDSCAPE ARCHITECT
No. 7460211-5301
JACOB A. YOUNG
STATE OF UTAH
03.21.16

Project name
MEMBERS FIRST CREDIT UNION
PROVIDENCE BRANCH
1200 SOUTH HIGHWAY 165
PROVIDENCE, UTAH

Issued

No	Date	Description
1	3.21.16	LANDSCAPE SET

Revision

No	Date	Description

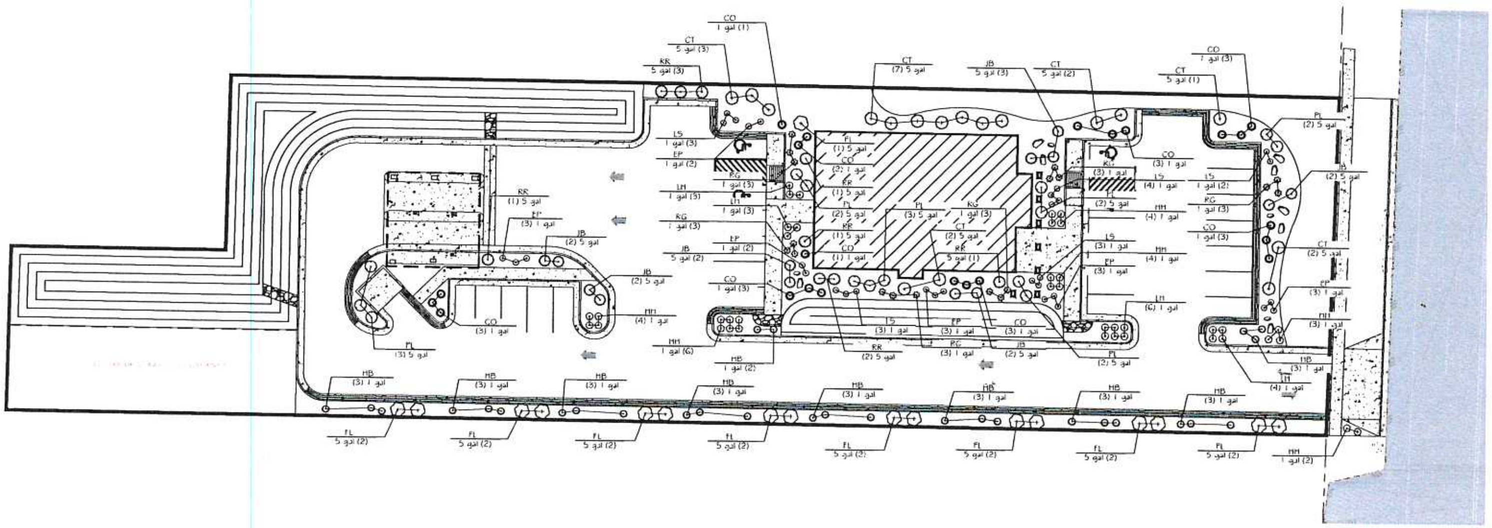
SAA Project No 215035

Drawing Title
LANDSCAPE MATERIALS AND SITE PLAN

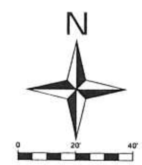
Sheet Number
L101

MEMBERS FIRST CREDIT UNION
LANDSCAPE SHRUB AND PERENNIAL PLAN

SCALE: 1"=20'



SHRUBS	CODE	QTY	COMMON NAME / BOTANICAL NAME	CONT
⊙	CT	17	Tatarian Dogwood / Cornus alba 'Ivory Halo' TM	5 gal
⊙	FL	17	Lynwood Gold Forsythia / Forsythia x intermedia 'Lynwood Gold'	5 gal
⊙	JB	13	Blue Star Juniper / Juniperus squamata 'Blue Star'	5 gal
⊙	PL	14	Dwarf Ninebark / Physocarpus opulifolius 'Little Devil' TM	5 gal
⊙	RR	9	Fine Line Buckthorn / Rhamnus frangula 'Fine Line'	5 gal
ANNUALS/PERENNIALS	**CODE**	**QTY**	**COMMON NAME / BOTANICAL NAME**	**CONT**
⊕	EP	16	Pow Wow Coneflower / Echinacea x 'Pow Wow Wildberry'	1 gal
⊙	HH	23	Happy Returns Daylily / Hemerocallis x 'Happy Returns'	1 gal
⊙	LH	16	Hidcote Blue Lavender / Lavandula angustifolia 'Hidcote Blue'	1 gal
✿	LS	15	Snowcap Shasta Daisy / Leucanthemum x superbum 'Snowcap'	1 gal
✿	RG	18	Black-Eyed Susan / Rudbeckia fulgida 'Goldsturm'	1 gal
GRASSES	**CODE**	**QTY**	**COMMON NAME / BOTANICAL NAME**	**CONT**
⊙	CO	22	Overdam Feather Reed Grass / Calamagrostis x acutiflora 'Overdam'	1 gal
⊙	HB	29	Blue Oat Grass / Helictotrichon sempervirens	1 gal



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Issued

No	Date	Description
1	3.21.16	LANDSCAPE SET

Revision

No	Date	Description

SAA Project No 215035

Drawing Title

LANDSCAPE SHRUB AND PERENNIAL PLAN

Sheet Number

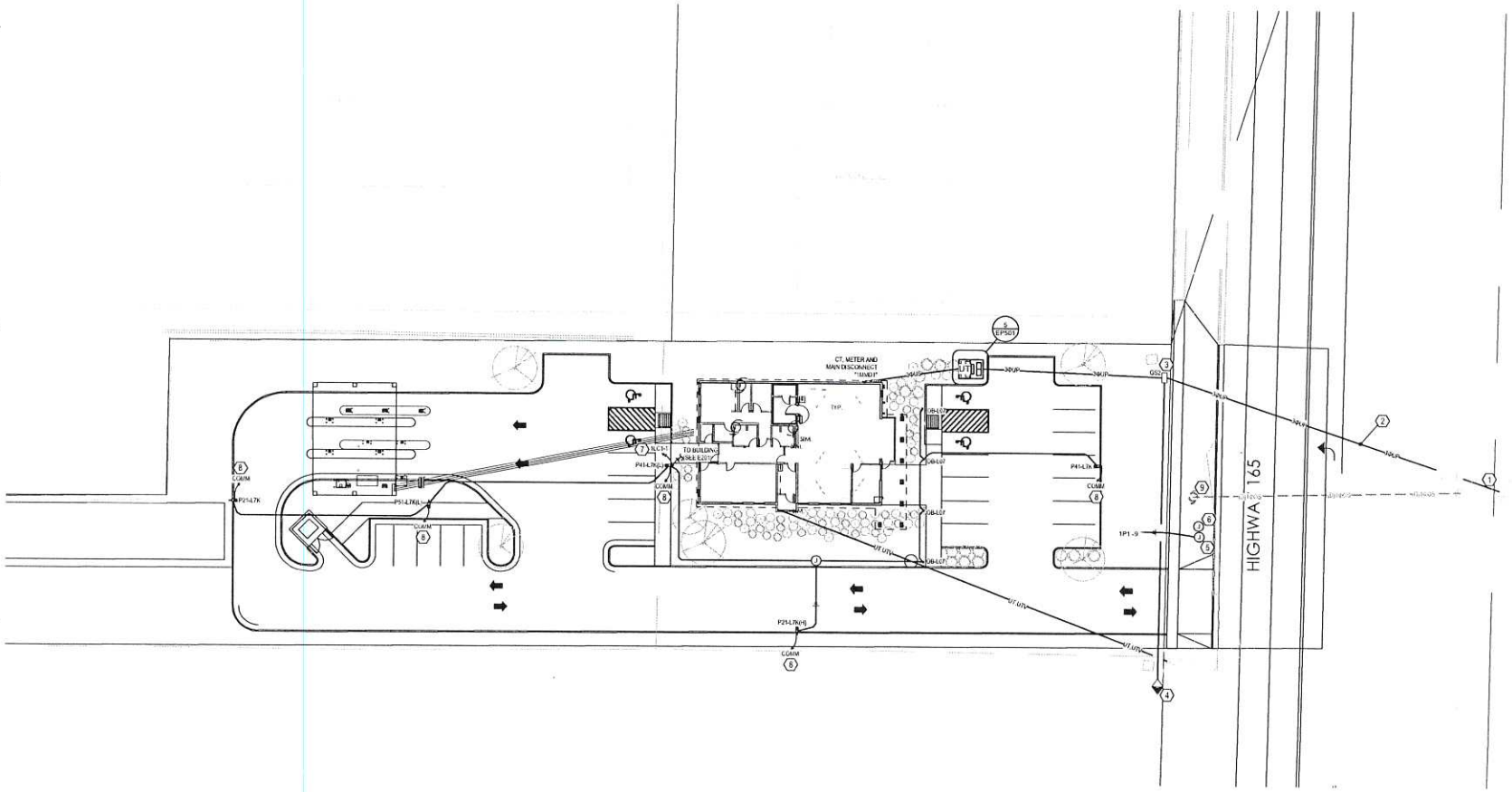
L102

GENERAL NOTES

1. CIRCUIT ROUTING IS SCHEMATIC UNLESS OTHERWISE NOTED.
2. COORDINATE ALL UTILITY INSTALLATIONS WITH LOCAL UTILITY REPS.
3. COMPLY WITH ALL UTILITY REQUIREMENTS FOR NEW UTILITY INSTALLATIONS.

KEYED NOTES

1. LOCATION OF EXISTING UTILITY GROUND SLEEVE. FIELD VERIFY LOCATION.
2. BORE UNDER HIGHWAY FOR NEW CONDUIT INSTALLATION.
3. ANTICIPATED LOCATION OF NEW UTILITY GROUND SLEEVE. COORDINATE WITH UTILITY TO MINIMIZE VISIBILITY IN FRONT OF BUILDING.
4. STUB UTILITY CONTRACTOR 5' PAST PROJECT LIMITS.
5. PROVIDE POWER TO SITE SIGN. ROUTE CIRCUITS THROUGH LIGHTING CONTROL AS SCHEDULED. FIELD VERIFY SIGN LOCATION WITH OWNER PRIOR TO ROUGH-IN.
6. PROVIDE COMMUNICATIONS CONNECTION TO SITE SIGNAGE. FIELD VERIFY SIGN LOCATION WITH OWNER PRIOR TO ROUGH-IN.
7. LIGHTING CONTROL PANEL SWITCH LEGS. REFER TO LIGHTING CONTROL PANEL SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION. SWITCHLEGS MAY BE ROUTED TO PANEL IN SAME CONDUITS AS CONSTANT POWER FEEDS. CONTRACTOR TO DERATE/UPSIZE CONDUCTORS & CONDUIT WHERE REQUIRED.
8. PROVIDE 1" CONDUIT INTO SITE LIGHTING POLE FROM COMMUNICATIONS ROOM. ROUTE CONDUIT TO BE CONCEALED IN POLE BASE AND STUB INTO LIGHT POLE TUBE.
9. COORDINATE REMOVAL OF EXISTING POLE AND OVERHEAD LINE WITH LOCAL UTILITY REP.



1 ELECTRICAL SITE PLAN
1" = 20'-0"

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